

Natural Gas Monthly

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Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

Product	Format	Contents
Publications		
<i>Weekly Natural Gas Storage Report</i>	HTML	Weekly natural gas stocks and implied net changes by three regions and U.S. total
<i>Natural Gas Weekly Update</i>	HTML	Analysis of current price, supply and storage data
<i>Natural Gas Monthly</i>	PDF	Monthly supply, disposition, and price data
<i>Natural Gas Annual</i>	PDF	Annual supply, disposition, and price data
<i>Historical Natural Gas Annual</i>	PDF	Historical annual supply, disposition, and price data from 1930 - 2000
<i>U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves</i>	PDF	Proved reserves in the United States
<i>Oil and Gas Field Code Master List</i>	PDF	Listing of U.S. oil and gas field names
<u>Databases</u>		
Monthly Data	TXT	Tables 1-6, and 9 from the <i>Natural Gas Monthly</i>
Historical Monthly Data	EXE	Consumption and price data, 1984-1994; 1995-present
Annual Data	TXT	Tables from the <i>Natural Gas Annual</i>
Historical Annual Data	TXT	Tables from the <i>Historical Natural Gas Annual</i>
<u>Applications</u>		
EIA-176 Query System	EXE	Company filings of the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

PDF files are image files that can be viewed through Adobe Acrobat.

TXT files are ASCII text. They may be replications of published tables, including table titles, column and row identification, or they may be flat files with a minimum of content description suitable for input to spreadsheets or other programs.

EXE files are executables that can be downloaded then opened. Databases are distributed as self-executing Zipped archives which spawn numerous data files and documentation. Applications are distributed as self-executing Zipped archives which initially generate numerous files and then form an application which is installed on the user's PC.

Preface

The *Natural Gas Monthly (NGM)* is prepared in the Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE), under the direction of Elizabeth Campbell.

General questions and comments regarding the *NGM* may be referred to Roy Kass (202) 586-4790. Specific technical questions may be referred to the appropriate persons listed in Appendix D.

The *NGM* highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported. From time to time, the *NGM* features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the *NGM* is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

Common Abbreviations Used in the Natural Gas Monthly

AGA	American Gas Association	Mcf	Thousand cubic feet
Bcf	Billion cubic feet	MMBtu	Million British thermal units
Btu	British thermal unit	MMcf	Million cubic feet
DOE	U.S. Department of Energy	MMS	Minerals Management Service, U.S. Department of the Interior
EIA	Energy Information Administration, U.S. Department of Energy	OCS	Outer Continental Shelf
FERC	Federal Energy Regulatory Commission	STIFS	Short-Term Integrated Forecasting System
IOGCC	Interstate Oil and Gas Compact Commission	STEO	Short-Term Energy Outlook
LNG	Liquefied natural gas	Tcf	Trillion cubic feet

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Highlights

This issue of the *Natural Gas Monthly* contains estimates of natural gas data through July 2002 for many data series at the national level. National-level natural gas prices are available through May 2002 (electric utilities), or July (residential, commercial, industrial, and wellhead). State-level data generally are available through July 2002, although underground storage data are available through August 2002.

Recent analyses of the natural gas industry are available on the EIA web site, <http://www.eia.doe.gov/under> "Featured Topics" to the right side of the home page. The first two reports listed below are updated regularly. These reports are:

- *Weekly Natural Gas Storage Report* — a weekly report containing estimates of natural gas in underground storage for the United States and three regions of the United States released each Thursday at 10:30 a.m. at the EIA Web site, except for certain weeks with Federal holidays. The report, first released on May 9, 2002, contains estimates of storage for the current and prior

week and comparisons to previous periods. Links are provided to papers describing survey Form EIA-912, "Weekly Underground Natural Gas Survey," and the estimation methodology.

- *Natural Gas Weekly Update* - a current analysis of the industry each week, including information on natural gas spot and futures prices and storage activities. This page also provides links to numerous other EIA sites dealing with natural gas.
- *Short-Term Energy Outlook* - projections of energy consumption, supply, and price by type of fuel, including natural gas, for the next 18 months.

Other natural gas data and analyses may be found through the "Natural Gas" section of EIA's web site. In the center section of the home page, the user should place the cursor on "By Fuel," then click on "Natural Gas" in the drop-down menu.

Consumption by Electric Utilities

Data for natural gas consumption by electric utilities are not available for July 2002 in this issue of the *Natural Gas Monthly*. However, consumption data for the other end-use sectors are available. The July 2002 electricity consumption data may be available before the next issue of the *Natural Gas Monthly* as part of Table 41 of the next issue of the *Electric Power Monthly* report. You may find this report on the EIA web site. Click on the by-fuel section of the home page and select electricity. The URL to get directly to the *Electric Power Monthly* is: http://www.eia.doe.gov/cneaf/electricity/epm/epm_sum.html.

Table 1. Summary of Natural Gas Production in the United States, 1996-2002
(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production (Wet)	Extraction Loss ^b	Dry Gas Production ^c
1996 Total	24,114	3,511	518	272	19,812	958	18,854
1997 Total	24,213	3,492	599	256	19,866	964	18,902
1998 Total	24,108	3,427	617	103	19,961	938	19,024
1999 Total	23,823	3,293	615	110	19,805	973	18,832
2000							
January	2,061	302	51	8	1,700	86	1,614
February	1,917	289	50	10	1,569	80	1,489
March	2,085	307	54	7	1,717	87	1,630
April	1,966	282	51	10	1,623	82	1,540
May	2,009	264	52	8	1,686	86	1,600
June	1,971	268	52	8	1,643	83	1,560
July	2,024	264	53	11	1,697	86	1,611
August	2,042	275	53	8	1,707	87	1,620
September	1,985	279	52	8	1,647	84	1,563
October	2,088	302	53	8	1,725	88	1,638
November	1,986	297	45	7	1,636	83	1,553
December	2,019	306	54	7	1,652	84	1,568
Total	24,153	3,434	617	100	20,002	1,016	18,987
2001							
January	^E 2,131	^E 314	^E 46	^E 9	^E 1,762	^E 89	^E 1,672
February	^E 1,928	^E 289	^E 39	^E 8	^E 1,592	^E 81	^E 1,511
March	^E 2,154	^E 336	^E 43	^E 9	^E 1,767	^E 90	^E 1,677
April	^E 2,059	^E 306	^E 42	^E 8	^E 1,703	^E 87	^E 1,616
May	^E 2,100	^E 300	^E 41	^E 9	^E 1,750	^E 89	^E 1,661
June	^E 1,999	^E 284	^E 41	^E 8	^E 1,665	^E 85	^E 1,580
July	^E 2,061	^E 285	^E 43	^E 9	^E 1,723	^E 88	^E 1,635
August	^E 2,064	^E 293	^E 43	^E 10	^E 1,718	^E 87	^E 1,631
September	^E 1,984	^E 274	^E 42	^E 9	^E 1,659	^E 84	^E 1,575
October	^E 2,073	^E 276	^E 44	^E 10	^E 1,743	^E 89	^E 1,654
November	^E 2,050	^E 321	^E 43	^E 9	^E 1,676	^E 85	^E 1,591
December	^E 2,118	^E 336	^E 40	^E 9	^E 1,733	^E 88	^E 1,645
Total	^E24,719	^E3,615	^E508	^E107	^E20,490	^E1,041	^E19,449
2002							
January	^E 2,137	^E 327	^E 33	^E 9	^E 1,768	^E 90	^E 1,679
February	^E 1,924	^E 304	^E 30	^E 8	^E 1,582	^E 80	^E 1,502
March	^E 2,142	^E 333	^E 34	^E 9	^E 1,767	^E 90	^E 1,677
April	^E 2,045	^E 312	^E 33	^E 8	^E 1,692	^E 86	^E 1,606
May	^E 2,107	^E 315	^E 34	^E 9	^E 1,750	^E 89	^E 1,661
June	^{RE} 2,039	^{RE} 298	^{RE} 33	^E 8	^{RE} 1,699	^{RE} 86	^{RE} 1,613
July	^E 2,028	^E 303	^E 33	^E 8	^E 1,684	^E 86	^E 1,598
2002 YTD	^E14,422	^E2,192	^E229	^E59	^E11,943	^E607	^E11,336
2001 YTD	^E14,431	^E2,115	^E294	^E60	^E11,961	^E608	^E11,353
2000 YTD	14,033	1,976	361	62	11,635	591	11,044

^a See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

^b Extraction loss is collected only on an annual basis. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

^c Equal to marketed production (wet) minus extraction loss.

^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1996 through 2000 are final. All other data are preliminary

unless otherwise indicated and contain estimates for selected States (see Table 7). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000*. January 2001 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and EIA estimates. See Appendix A, Explanatory Notes 1, 3, and 6, for discussion of computation and estimation procedures and revision policies.

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1996-2002
(Billion Cubic Feet)

Year and Month	Dry Gas Production	Supplemental Gaseous Fuels ^a	Net Imports	Net Storage Withdrawals ^b	Balancing Item ^c	Consumption ^d
1996 Total	18,854	109	2,784	2	217	21,967
1997 Total	18,902	103	2,837	24	61	21,959
1998 Total	19,024	102	2,993	-530	-334	21,277
1999 Total	18,832	98	3,422	172	-897	21,620
2000						
January	1,614	9	308	799	-220	2,510
February	1,489	8	279	460	95	2,331
March	1,630	7	286	155	-28	2,051
April	1,540	6	277	-47	6	1,783
May	1,600	6	268	-237	-5	1,633
June	1,560	5	280	-291	-41	1,513
July	1,611	7	303	-296	-99	1,526
August	1,620	7	298	-201	-71	1,653
September	1,563	6	284	-297	-81	1,475
October	1,638	7	301	-247	-131	1,568
November	1,553	8	305	295	-252	1,909
December	1,568	9	349	735	-74	2,587
Total	18,987	86	3,538	829	-827	22,547
2001						
January	^E 1,672	^E 8	349	467	^R 141	^R 2,636
February	^E 1,511	^E 7	303	338	^R 120	^R 2,278
March	^E 1,677	^E 7	327	181	^R 19	^R 2,211
April	^E 1,616	^E 6	297	-276	^R 137	^R 1,780
May	^E 1,661	^E 5	300	-448	^R -39	^R 1,480
June	^E 1,580	^E 5	300	-422	^R -91	^R 1,372
July	^E 1,635	^E 7	336	-376	^R -111	^R 1,490
August	^E 1,631	^E 6	327	-305	^R -144	^R 1,514
September	^E 1,575	^E 6	284	-368	^R -116	^R 1,380
October	^E 1,654	^E 6	294	-189	^R -223	^R 1,543
November	^E 1,591	^E 7	256	-85	^R -154	^R 1,615
December	^E 1,645	^E 8	275	350	^R -256	^R 2,021
Total	^E19,449	^E77	3,647	-1,134	^R-718	^R21,322
2002						
January	^E 1,679	^E 8	314	546	^R -216	^R 2,331
February	^E 1,502	^E 7	280	462	^R -155	^R 2,096
March	^E 1,677	^E 8	300	320	^R -207	^R 2,098
April	^E 1,606	^E 6	279	-126	^R -65	^R 1,700
May	^E 1,661	^E 6	288	-323	^R -172	^R 1,459
June	^{RE} 1,613	^E 5	277	-339	^R -194	^R 1,363
July	^E 1,598	^E 7	^E 274	-239	-116	1,524
2002 YTD	^E11,336	^E46	^E2,013	301	-1,125	12,571
2001 YTD	^E11,353	^E45	2,212	-537	176	13,248
2000 YTD	11,044	49	2,001	544	-291	13,347

^a Supplemental gaseous fuels data are collected only on an annual basis except for the Dakota Gasification Co. coal gasification facility which provides data each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Co.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio is applied to the monthly sum of these three elements. The Dakota Gasification Co. monthly value is added to the result to produce the monthly supplemental fuels estimate.

^b Monthly and annual data for 1996 through 2000 include underground storage and liquefied natural gas storage. Data for January 2001 forward include underground storage only. See Appendix A, Explanatory Note 7 for discussion of computation procedures.

^c Represents quantities lost and imbalances in data due to differences among data sources. Annual balancing item for 1997-2000 includes net intransit deliveries through the United States for natural gas not contained in the monthly net imports figures. These intransit deliveries were (in billion cubic feet): -65 for 2000; -8 for 1999; 22 for 1998; 31 for 1997. See Appendix

A, Explanatory Note 9, for full discussion.

^d Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 3.

^R Revised Data.

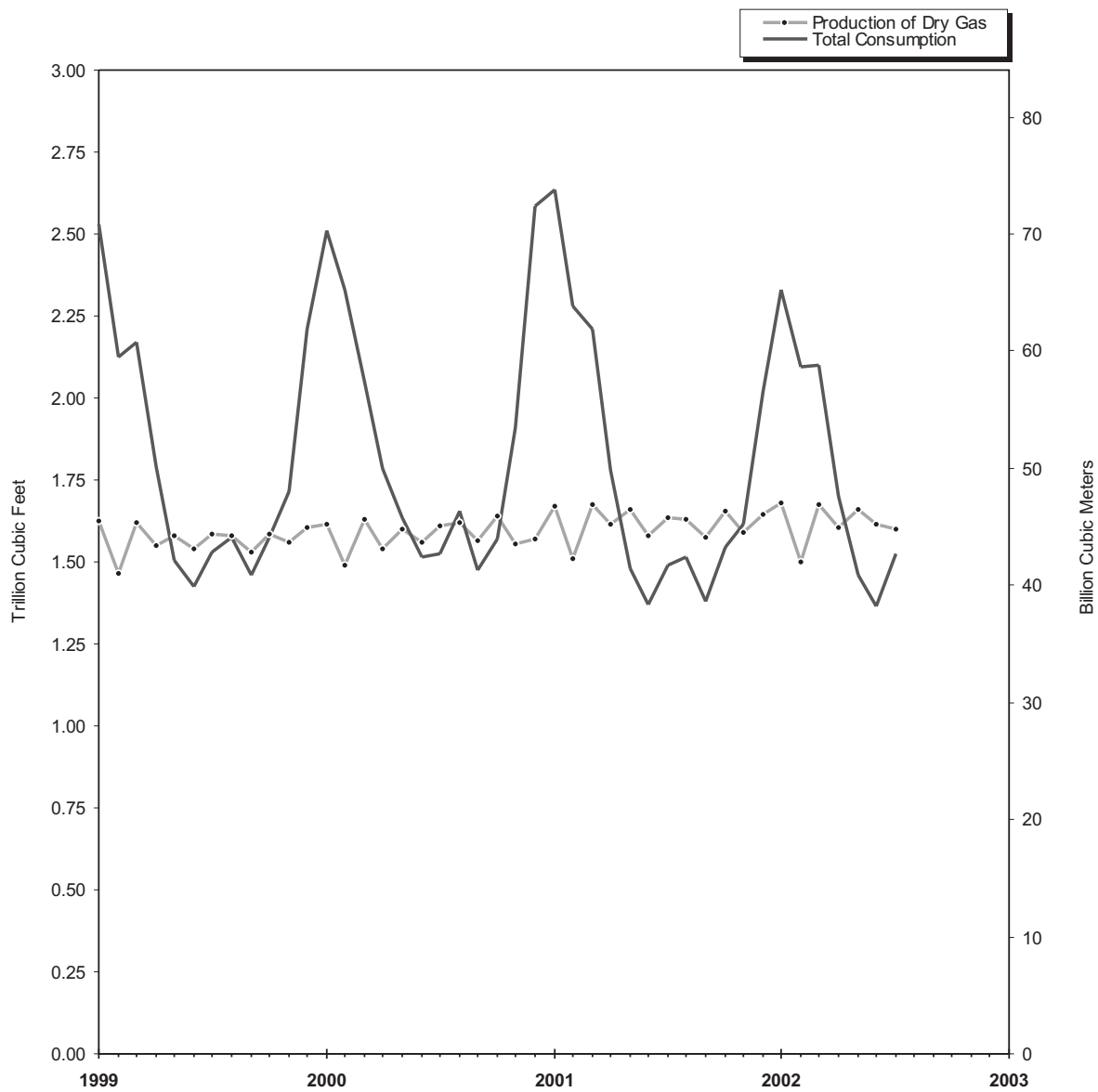
^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000*. January 2001 through current month: EIA, Form EIA-895, Form EIA-857, Form EIA-191, EIA computations and estimates, and Office of Fossil Energy, "Natural Gas Imports and Exports." See Appendix A, Notes 2 and 4, for discussion of computation and estimation procedures and revision policies.

Figure 1. Production and Consumption of Natural Gas in the United States, 1999-2002



Source: Table 2.

Table 3. Natural Gas Consumption in the United States, 1996-2002
(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel ^a	Pipeline Fuel ^b	Delivered to Consumers					Total Consumption
			Residential	Commercial ^c	Industrial	Electric Utilities	Total	
1996 Total	1,250	711	5,241	3,161	8,870	2,732	20,006	21,967
1997 Total	1,203	751	4,984	3,219	8,832	2,968	20,004	21,959
1998 Total	1,173	635	4,520	3,005	8,686	3,258	19,469	21,277
1999 Total	1,079	645	4,726	3,050	9,006	3,113	19,895	21,620
2000								
January	96	73	862	454	835	190	2,342	2,510
February	89	67	774	423	809	167	2,174	2,331
March	97	59	550	353	785	208	1,894	2,051
April	92	51	401	259	767	215	1,640	1,783
May	94	46	228	183	772	309	1,492	1,633
June	92	43	154	150	767	307	1,378	1,513
July	95	43	128	139	746	373	1,387	1,526
August	96	47	122	153	825	410	1,510	1,653
September	93	42	141	151	765	284	1,340	1,475
October	98	44	236	184	793	213	1,426	1,568
November	93	55	482	293	806	180	1,761	1,909
December	94	75	913	475	843	187	2,418	2,587
Total	1,130	644	4,992	3,226	9,512	3,043	20,772	22,547
2001								
January	^E 100	75	984	^R 500	^R 820	158	^R 2,462	^R 2,636
February	^E 90	65	784	^R 424	^R 772	144	^R 2,123	^R 2,278
March	^E 100	63	686	^R 376	^R 813	172	^R 2,048	^R 2,211
April	^E 96	51	404	^R 257	^R 759	212	^R 1,633	^R 1,780
May	^E 99	42	210	^R 166	^R 727	236	^R 1,339	^R 1,480
June	^E 94	39	148	^R 137	^R 693	261	^R 1,239	^R 1,372
July	^E 97	43	125	^R 132	^R 736	357	^R 1,350	^R 1,490
August	^E 97	^R 43	118	^R 138	^R 757	361	^R 1,374	^R 1,514
September	^E 94	^R 39	129	^R 143	^R 719	255	^R 1,247	^R 1,380
October	^E 98	^R 44	241	^R 188	^R 747	225	^R 1,400	^R 1,543
November	^E 95	46	367	^R 230	^R 725	151	^R 1,474	^R 1,615
December	^E 98	58	^R 617	347	^R 749	153	^R 1,866	^R 2,021
Total	^E1,158	^R609	^R4,815	^R3,037	^R9,016	2,686	^R19,554	^R21,322
2002								
January	^E 100	67	^R 821	434	^R 762	147	^R 2,164	^R 2,331
February	^E 89	^R 60	704	^R 394	^R 711	137	^R 1,946	^R 2,096
March	^E 100	^R 60	^R 666	^R 375	^R 736	161	^R 1,938	^R 2,098
April	^E 96	^R 49	^R 419	^R 271	^R 696	169	^R 1,556	^R 1,700
May	^E 99	42	259	^R 193	687	180	1,319	1,459
June	^{RE} 96	^R 39	164	^R 157	679	^R 229	^R 1,228	^R 1,363
July	^E 95	44	128	145	763	NA	1,385	1,524
2002 YTD^d	675	359	3,161	1,969	5,034	NA	11,537	12,571
2001 YTD^d	676	379	3,342	1,992	5,319	1,541	12,194	13,248
2000 YTD^d	657	382	3,097	1,962	5,480	1,769	12,308	13,347

^a Plant fuel data and lease fuel data are collected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

^b Pipeline fuel use is collected only on an annual basis. Monthly pipeline fuel data are estimated from monthly total consumption(excluding pipeline fuel) by assuming that the preceding annual percentage remains constant for the next twelve months.

^c Vehicle fuel is included in the annual total of deliveries to commercial consumers for 1996-2000 but not in the monthly volumes. Volumes delivered for use as vehicle fuel (in billion cubic feet) were 2.9 in 1996, 4.4 in 1997, 5.1 in 1998, 5.7 in 1999, and 8.3 in 2000.

^d Year-to-date volume represents months for which volume information is available in the current year.

^R Revised Data.

^E Estimated Data.

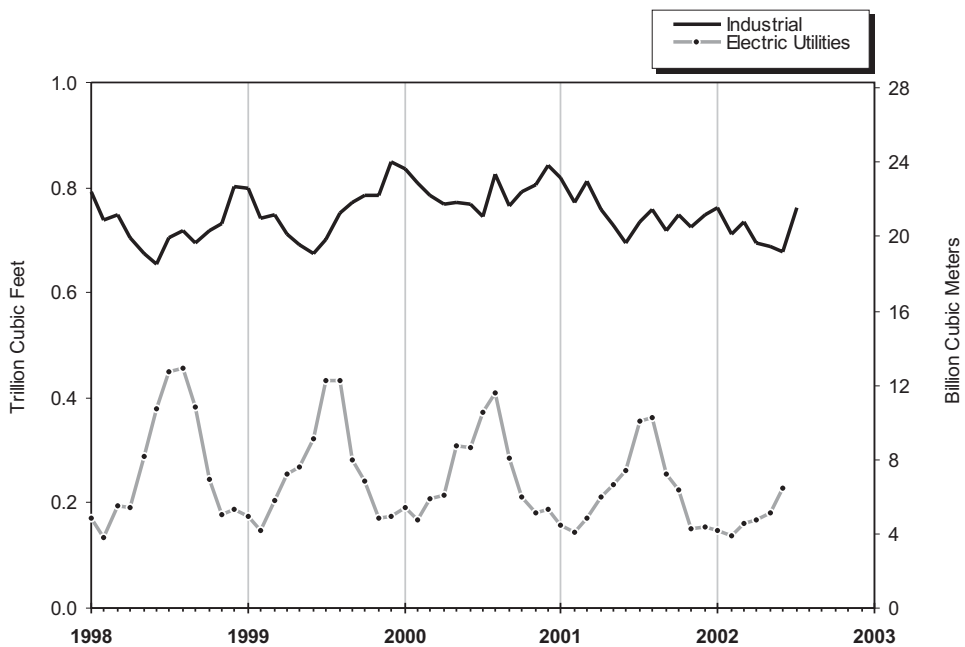
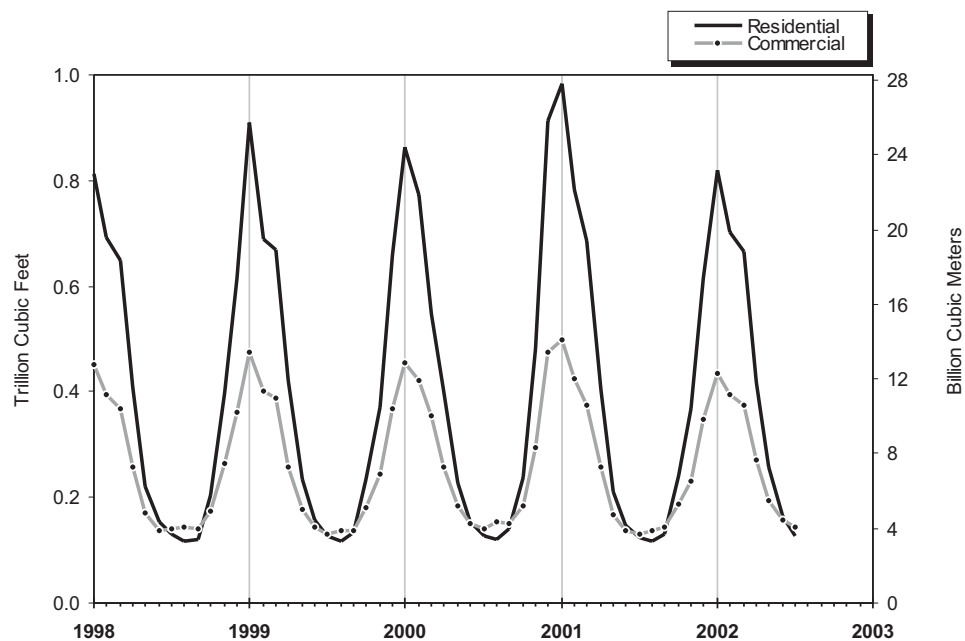
^{RE} Revised Estimated Data.

^{NA} Not Available.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. See Explanatory Note 5 for further explanation.

Sources: 1996-2000: Energy Information Administration (EIA): Form EIA-895 "Monthly Quantity and Value of Natural Gas Report," Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-759, "Monthly Power Plant Report," EIA computations, and *Natural Gas Annual 2000*. January 2001 through the current month: EIA: Form EIA-895, Form EIA-857, and Form EIA-759. See Appendix A, Explanatory Note 5, for computation procedures and revision policy.

Figure 2. Natural Gas Deliveries to Consumers in the United States, 1998-2002



Source: Table 3.

Table 4. Selected National Average Natural Gas Prices, 1996-2002

(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price ^a	City Gate Price	Delivered to Consumers					
			Residential Price	Commercial		Industrial		Electric Utilities Price
				Price	% of Total ^b	Price	% of Total ^b	
1996 Annual Average	2.17	3.34	6.34	5.40	77.6	3.42	19.4	2.69
1997 Annual Average	2.32	3.66	6.94	5.80	70.8	3.59	18.1	2.78
1998 Annual Average	1.96	3.07	6.82	5.48	67.0	3.14	16.1	2.40
1999 Annual Average	2.19	3.10	6.69	5.33	66.2	3.10	17.5	2.62
2000								
January	2.60	3.27	6.37	5.78	66.5	3.41	18.7	2.74
February	2.73	3.48	6.54	5.96	67.4	3.68	19.4	2.96
March	2.66	3.54	6.91	5.78	62.4	3.54	18.2	3.00
April	2.86	3.72	7.19	6.04	61.2	3.59	18.0	3.23
May	3.04	4.15	8.26	5.98	59.6	3.67	17.0	3.63
June	3.77	5.19	9.50	6.49	56.5	4.24	18.1	4.45
July	3.84	5.20	10.33	6.56	55.5	4.55	17.6	4.35
August	3.73	4.63	10.37	6.09	57.7	4.33	17.1	4.27
September	4.26	5.21	10.10	6.93	56.0	4.88	16.5	4.85
October	4.58	5.66	9.44	7.49	58.5	5.45	16.6	5.17
November	4.40	5.20	8.58	7.57	63.0	5.39	19.8	5.37
December	5.77	6.64	8.56	8.20	67.5	6.67	20.4	8.23
Annual Average	3.69	4.62	7.76	6.59	62.9	4.48	18.1	4.38
2001								
January	^E 8.06	8.94	10.14	9.54	^R 71.9	8.60	^R 18.0	9.47
February	^E 5.84	7.10	10.28	9.80	^R 70.6	^R 7.17	^R 17.4	6.85
March	^E 5.15	^R 6.15	9.88	9.14	^R 68.3	^R 6.21	^R 16.9	5.69
April	^E 5.21	6.39	10.17	9.01	^R 65.5	^R 6.02	^R 16.2	5.70
May	^E 4.56	5.87	11.11	9.21	^R 59.6	^R 5.32	^R 15.0	5.15
June	^E 3.88	5.37	11.49	8.54	^R 58.3	^R 4.66	^R 14.6	4.35
July	^E 3.39	4.32	11.08	7.92	^R 53.2	^R 4.08	^R 15.5	3.84
August	^E 3.23	4.28	10.75	7.31	^R 53.6	^R 3.98	^R 15.0	3.73
September	^E 2.55	3.66	10.12	^R 6.92	^R 52.6	^R 3.52	^R 15.7	3.15
October	^E 2.40	3.32	8.22	^R 6.38	^R 59.1	^R 3.24	^R 15.6	2.79
November	^E 2.74	3.98	7.97	6.91	63.8	^R 3.93	^R 16.3	3.31
December	^E 2.38	3.93	^R 7.32	6.45	67.1	^R 3.63	^R 16.8	3.11
Annual Average	^E 4.12	5.77	9.63	8.45	^R 65.0	^R 5.16	^R 16.1	4.51
2002								
January	^E 2.35	4.03	^R 7.23	^R 6.55	66.8	^R 3.93	^R 17.1	3.39
February	^E 2.14	^R 3.78	7.19	^R 6.51	^R 65.6	^R 3.64	^R 17.1	3.10
March	^E 2.52	3.78	^R 6.95	^R 6.29	^R 65.6	^R 3.75	^R 17.3	3.40
April	^E 3.02	4.09	^R 7.55	6.62	^R 60.3	^R 3.61	^R 22.5	3.85
May	^E 3.01	^R 4.02	8.41	6.76	57.0	4.01	19.7	^R 3.73
June	^E 2.94	4.14	9.42	^R 6.90	^R 52.5	3.88	20.5	NA
July	^E 2.89	3.90	9.99	6.96	47.8	3.77	17.8	NA
2002 YTD^c	^E 2.70	3.94	7.52	6.56	61.9	3.80	18.8	NA
2001 YTD^c	^E 5.16	6.87	10.28	9.28	66.9	6.17	16.3	5.90
2000 YTD^c	3.07	3.81	7.07	5.97	63.1	3.80	18.2	3.45

^a See Appendix A, Explanatory Note 8, for discussion of wellhead prices.

^b Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 25 for State data.

^c Year-to-date price represents months for which price information is available in the current year. The electric utility year-to-date price is 3 months behind the wellhead, city gate, residential, commercial, and industrial year-to-date prices.

^R Revised Data.

^E Estimated Data.

NA Not Available.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. In 1996, consumption of natural gas for agricultural use was classified as industrial use. See Appendix A, Explanatory Note 5 for further explanation.

Sources: 1996-2000: Energy Information Administration (EIA) *Natural Gas Annual 2000*. January 2001 through current month: EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and EIA estimates.

Figure 3. Average Price of Natural Gas Delivered to Consumers in the U.S., 1998-2002

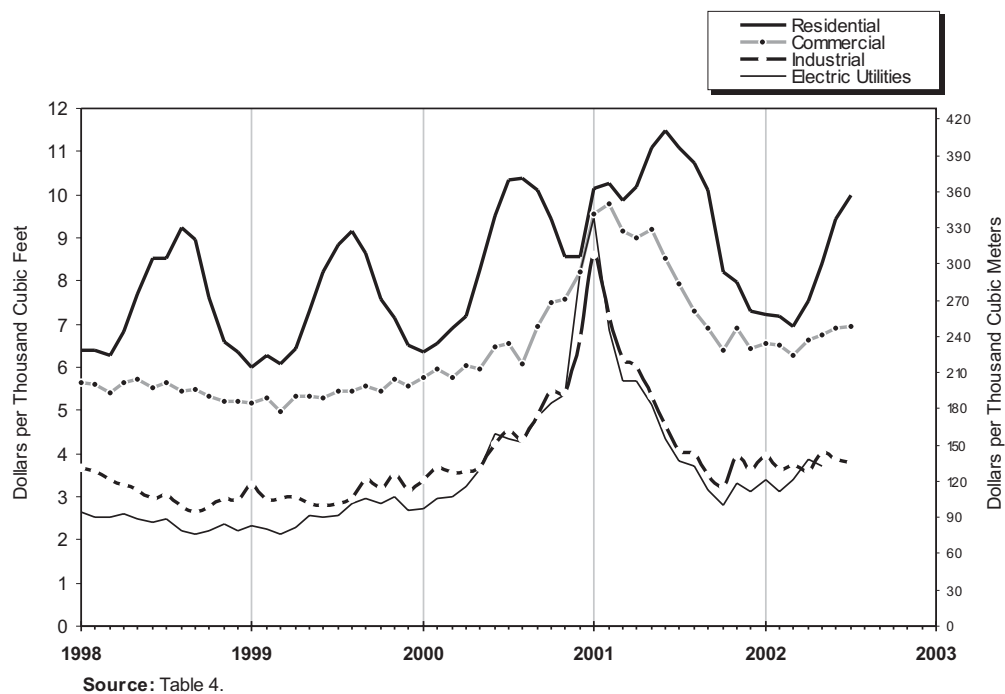


Figure 4. Average Price of Natural Gas in the United States, 1998-2002

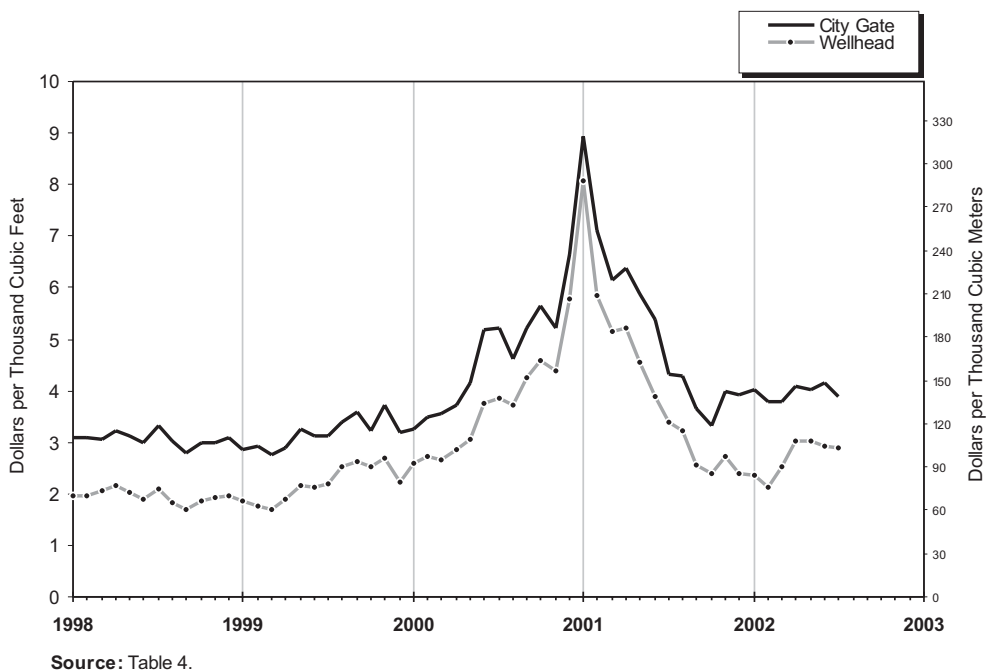


Table 5. U.S. Natural Gas Imports, by Country, 1996-2002

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				LNG					
	Canada		Mexico		Algeria		Australia		Nigeria	
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1996 Total	2,883,277	1.96	13,862	2.25	35,325	2.70	0	—	0	—
1997 Total	2,899,152	2.15	17,243	2.31	65,675	2.67	9,686	2.92	0	—
1998 Total	3,052,073	1.95	14,532	2.03	68,567	2.51	11,634	3.30	0	—
1999 Total	3,367,545	2.23	54,530	2.14	75,763	2.41	11,904	2.70	0	—
2000										
January	310,181	2.42	2,911	2.30	5,026	2.61	0	—	0	—
February	289,222	2.57	730	2.50	4,987	3.76	0	—	0	—
March	291,469	2.60	316	2.60	3,990	2.49	0	—	0	—
April	273,881	2.85	756	2.97	2,566	2.72	2,274	3.21	0	—
May	274,616	3.05	0	—	2,453	3.13	0	—	0	—
June	278,529	3.89	0	—	2,529	3.53	0	—	2,488	4.14
July	293,353	3.99	27	4.01	2,562	3.40	2,285	3.26	2,496	4.86
August	295,355	3.65	10	4.64	2,370	3.87	0	—	2,510	3.56
September	282,921	4.19	209	5.00	2,556	4.11	1,270	3.28	2,658	3.52
October	296,022	5.27	1,115	5.17	7,570	3.46	0	—	2,503	5.80
November	309,337	4.94	1,231	5.61	2,552	3.98	116	3.44	0	—
December	349,079	7.47	4,297	8.73	7,786	4.29	0	—	0	—
Total	3,543,966	3.97	11,601	5.43	46,947	3.48	5,945	3.25	12,654	4.37
2001										
January	353,515	9.63	2,416	7.98	5,020	4.05	0	—	2,478	10.79
February	306,961	6.49	1,139	5.45	7,658	5.52	0	—	5,068	6.25
March	335,175	5.42	1,482	4.89	7,606	5.87	0	—	2,535	9.05
April	296,754	5.40	2,102	5.11	5,009	3.88	0	—	4,822	5.42
May	301,938	5.01	157	4.44	7,572	3.58	0	—	5,067	5.43
June	297,497	3.92	0	—	3,943	2.71	0	—	7,547	4.92
July	341,932	3.12	0	—	7,754	3.14	1,187	3.79	2,888	5.09
August	336,466	3.11	0	—	5,058	2.73	1,207	3.92	2,606	2.99
September	295,061	2.58	0	—	5,087	2.76	0	—	4,955	3.30
October	316,637	2.14	0	—	2,491	2.48	0	—	0	—
November	285,244	2.96	160	2.04	2,510	2.25	0	—	0	—
December	295,445	2.67	2,821	2.44	5,237	2.68	0	—	0	—
Total	3,762,624	4.43	10,276	5.00	64,945	3.73	2,394	3.86	37,966	5.56
2002										
January	339,860	2.70	956	2.58	2,726	3.77	0	—	0	—
February	302,111	2.29	798	2.09	0	—	0	—	0	—
March	328,138	2.61	0	—	0	—	0	—	0	—
April	301,446	3.28	0	—	1,912	3.18	0	—	0	—
May	298,999	3.24	0	—	7,344	3.43	0	—	0	—
June	297,117	3.06	0	—	4,665	3.60	0	—	0	—
July	^R 309,843	NA	0	—	0	—	0	—	0	—
August	^E 313,612	NA	0	—	0	—	0	—	2,720	NA
2002 YTD	^E2,491,127	NA	1,755	2.36	16,647	3.50	0	—	2,720	NA
2001 YTD	2,570,238	5.29	7,295	6.05	49,619	4.08	2,394	3.86	33,011	5.90
2000 YTD	2,306,607	3.12	4,749	2.47	26,483	3.14	4,559	3.24	7,493	4.19

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports, by Country, 1996-2002

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

Year and Month	LNG								Total	
	Qatar		Trinidad		United Arab Emirates		Other		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1996 Total	0	—	0	—	4,949	3.46	0	—	2,937,413	1.97
1997 Total	0	—	0	—	2,417	3.74	0	—	2,994,173	2.17
1998 Total	0	—	0	—	5,252	2.63	0	—	3,152,058	1.97
1999 Total	19,697	2.71	50,777	2.39	2,713	3.03	^a 2,576	2.36	3,585,505	2.24
2000										
January	0	—	7,780	3.01	0	—	0	—	325,897	2.44
February	0	—	5,168	2.91	0	—	0	—	300,107	2.60
March	2,428	2.79	8,393	2.89	0	—	0	—	306,596	2.61
April	7,254	2.71	7,285	3.05	0	—	0	—	294,016	2.86
May	0	—	10,723	3.05	0	—	0	—	287,793	3.05
June	2,385	2.76	7,390	3.48	2,725	3.53	0	—	296,046	3.87
July	4,793	3.97	14,307	3.30	0	—	^b 2,464	2.86	322,285	3.94
August	7,167	3.15	8,435	3.30	0	—	^b 2,461	2.86	318,308	3.62
September	7,625	3.97	4,864	2.98	0	—	^b 2,740	4.20	304,843	4.15
October	7,165	4.14	7,392	3.65	0	—	^c 2,760	3.99	324,527	5.16
November	7,241	3.32	6,950	3.85	0	—	^b 2,333	3.44	329,759	4.86
December	0	—	10,262	5.14	0	—	0	—	371,425	7.35
Total	46,057	3.44	98,949	3.43	2,725	3.53	12,758	3.50	3,781,603	3.95
2001										
January	0	—	10,707	7.04	0	—	0	—	374,136	9.48
February	0	—	6,635	4.78	0	—	^b 2,738	8.70	330,199	6.44
March	2,400	3.17	10,704	4.74	0	—	0	—	359,902	5.42
April	2,452	6.60	8,028	4.26	0	—	^b 1,702	4.65	320,869	5.35
May	4,975	4.47	9,530	4.15	0	—	0	—	329,238	4.95
June	3,076	5.82	10,407	3.77	0	—	^b 1,616	3.99	324,087	3.94
July	4,934	3.97	6,701	3.95	0	—	^b 1,635	4.65	367,031	3.17
August	0	—	7,519	3.60	0	—	^b 2,728	4.99	355,584	3.13
September	4,919	3.24	5,230	3.68	0	—	^b 1,635	4.65	316,888	2.63
October	0	—	9,234	2.17	0	—	0	—	328,362	2.14
November	0	—	5,340	3.19	0	—	0	—	293,253	2.96
December	0	—	7,975	3.12	0	—	0	—	311,478	2.68
Total	22,758	4.37	98,009	4.14	0	—	12,055	5.56	4,011,027	4.43
2002										
January	0	—	5,318	3.71	0	—	0	—	348,860	2.72
February	0	—	7,571	3.00	0	—	0	—	310,480	2.31
March	0	—	10,151	2.68	0	—	0	—	338,290	2.61
April	5,030	3.03	10,271	3.09	0	—	0	—	318,660	3.27
May	5,612	3.45	10,312	3.23	0	—	^{a,d} 4,824	3.13	327,092	3.25
June	13,903	3.43	7,256	3.18	0	—	0	—	322,942	3.09
July	0	—	9,517	NA	0	—	0	—	^R 319,360	NA
August	0	—	8,108	NA	0	—	0	—	^E 324,440	NA
2002 YTD	24,545	3.35	68,505	NA	0	—	4,824	3.13	^E 2,610,123	NA
2001 YTD	17,838	4.68	70,230	4.62	0	—	10,420	5.70	2,761,046	5.26
2000 YTD	24,026	3.11	69,481	3.14	2,725	3.53	4,925	2.86	2,451,048	3.13

^a Received from Malaysia.^b Received from Oman.^c Received from Indonesia.^d Received from Brunei.^R Revised Data.^E Estimated Data.

NA Not Available.

— Not Applicable.

Sources: January 1996 through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports". Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 6. U.S. Natural Gas Exports, by Country, 1996-2002

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				LNG				Total	
	Canada		Mexico		Japan		Mexico		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1996 Total	51,905	2.67	33,840	2.11	67,648	3.65	0	—	153,393	2.97
1997 Total	56,447	2.52	38,372	2.46	62,187	3.83	0	—	157,006	3.02
1998 Total	39,891	2.25	53,133	2.04	65,951	2.91	33	5.69	159,007	2.45
1999 Total	38,508	2.35	61,025	2.27	63,607	3.08	275	6.95	163,415	2.61
2000										
January	6,234	2.50	5,937	2.39	5,569	4.04	36	5.82	17,776	2.95
February	9,017	2.70	6,394	2.62	5,566	4.08	37	5.82	21,015	3.05
March	9,051	2.74	7,641	2.70	3,769	4.18	45	5.82	20,505	3.00
April	3,093	2.86	8,222	2.94	5,670	4.25	30	5.82	17,015	3.37
May	3,732	3.15	10,338	3.23	5,709	4.27	31	5.82	19,810	3.52
June	3,742	4.11	8,714	4.30	3,763	4.34	30	5.82	16,249	4.27
July	3,762	4.37	10,157	4.52	5,597	4.36	29	5.82	19,546	4.45
August	3,900	3.90	11,248	4.16	5,598	4.22	29	5.82	20,775	4.13
September	4,682	4.76	10,265	5.07	5,592	4.37	28	5.82	20,568	4.81
October	5,327	5.26	10,197	5.31	7,512	4.51	35	5.82	23,070	5.04
November	9,877	3.97	9,154	4.78	5,686	4.49	51	5.82	24,767	4.39
December	10,169	4.32	6,834	8.57	5,579	4.51	38	5.82	22,621	5.65
Total	72,586	3.66	105,102	4.26	65,610	4.31	418	5.82	243,716	4.10
2001										
January	11,818	6.84	8,111	10.34	5,571	4.68	47	5.82	25,547	7.48
February	15,379	5.41	8,009	7.06	3,714	4.73	42	5.82	27,144	5.80
March	19,691	4.52	7,110	6.22	5,569	4.70	42	5.82	32,412	4.93
April	12,683	5.67	5,326	7.10	5,594	4.25	34	5.82	23,637	5.66
May	13,328	5.00	9,940	6.88	5,677	4.22	35	5.82	28,981	5.49
June	9,568	4.05	11,183	5.27	3,780	4.28	23	5.82	24,554	4.64
July	10,449	3.38	14,939	3.53	5,665	4.27	32	5.82	31,086	3.62
August	7,567	3.19	15,531	3.31	5,684	4.29	33	5.82	28,814	3.47
September	10,030	2.46	17,610	2.45	5,676	4.39	35	5.82	33,350	2.79
October	10,907	2.22	15,920	2.29	7,576	4.41	49	5.82	34,452	2.74
November	15,819	3.12	15,489	2.98	5,644	4.29	47	5.82	37,000	3.24
December	20,224	2.51	10,751	2.55	5,602	4.29	46	5.82	36,624	2.80
Total	157,462	4.06	139,920	4.34	65,753	4.39	465	5.82	363,600	4.23
2002										
January	16,274	2.61	12,562	2.66	5,605	4.26	51	5.82	34,491	2.90
February	15,822	2.15	10,770	2.25	3,755	4.02	37	5.82	30,383	2.42
March	14,270	2.43	18,213	2.70	5,619	3.73	39	5.82	38,141	2.75
April	12,619	3.28	19,122	3.52	7,427	3.67	26	5.82	39,194	3.47
May	14,777	3.33	22,799	3.27	1,853	3.76	30	5.82	39,459	3.32
June	15,618	3.27	24,948	3.14	5,586	3.84	25	5.82	46,178	3.27
July	^R 14,657	NA	^E 24,948	NA	5,588	NA	NA	NA	^{RE} 45,193	NA
August	^E 12,952	NA	^E 24,948	NA	5,637	NA	NA	NA	^E 43,536	NA
2002 YTD	^E 116,987	NA	^E 158,310	NA	41,070	NA	NA	NA	^E 316,575	NA
2001 YTD	100,482	4.87	80,150	5.66	41,254	4.42	289	5.82	222,175	5.08
2000 YTD	42,531	3.11	68,651	3.49	41,240	4.21	267	5.82	152,690	3.58

^R Revised Data.^E Estimated Data.^{RE} Revised Estimated Data.

NA Not Available.

— Not Applicable.

Sources: January 1996 through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports". Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet)

Table 7

Year and Month	Alabama ^b	Alaska	Arizona	California	Colorado	Florida	Kansas
1996 Total	530,841	480,828	463	286,494	572,071	6,006	712,796
1997 Total	583,272	468,311	452	285,690	637,375	6,114	687,215
1998 Total	562,714	466,648	457	315,277	696,321	5,796	603,586
1999 Total	545,464	462,967	474	382,715	722,738	5,933	553,419
2000							
January	46,526	42,242	37	31,663	65,091	564	49,597
February	44,084	38,430	26	27,675	60,155	547	41,606
March	43,869	42,505	27	29,706	64,390	653	44,924
April	43,318	37,290	28	28,970	61,056	595	43,591
May	44,231	33,531	31	30,981	65,137	575	43,837
June	43,196	35,890	32	30,558	59,184	474	44,129
July	43,985	35,559	32	32,823	62,541	544	43,938
August	43,790	35,910	33	33,111	64,332	533	43,603
September	40,731	37,148	33	32,377	62,304	550	42,078
October	42,755	39,354	33	33,723	63,606	472	43,078
November	42,511	38,897	32	32,540	63,005	465	41,891
December	43,614	42,239	24	32,454	62,182	519	43,457
Total	522,610	458,995	368	376,580	752,985	6,491	525,729
2001							
January	30,460	42,459	31	32,450	^E 62,027	454	41,780
February	27,096	38,318	28	29,821	^E 59,310	397	36,909
March	29,918	42,727	31	32,074	^E 61,791	436	40,535
April	28,864	39,572	32	30,325	^E 59,791	499	39,420
May	29,742	35,882	28	32,404	^E 62,480	440	39,967
June	28,993	34,653	25	31,753	^E 58,715	473	38,721
July	30,616	37,163	26	31,644	^E 61,195	553	40,646
August	30,999	37,228	24	31,826	^E 62,205	531	39,335
September	30,102	36,172	22	30,562	^E 60,192	489	37,483
October	30,194	39,306	20	31,516	^E 63,033	701	38,286
November	29,379	43,007	15	29,973	^E 61,942	382	37,123
December	30,446	45,344	25	31,507	^E 63,617	353	38,451
Total	356,811	471,831	307	375,856	^E 736,299	5,706	468,658
2002							
January	29,630	42,257	26	30,928	^E 63,426	342	39,644
February	^R 27,082	38,966	23	28,337	^E 61,342	256	35,325
March	^R 29,188	41,993	26	31,562	^E 62,671	386	38,902
April	^R 28,529	40,086	23	29,413	^E 60,368	291	38,190
May	28,868	35,924	23	30,596	^E 63,885	296	^R 39,173
June	28,600	37,109	24	30,261	^E 59,540	287	38,427
2002 YTD	171,897	236,334	146	181,097	^E 371,233	1,857	229,660
2001 YTD	175,073	233,611	176	188,828	^E 364,114	2,699	237,333
2000 YTD	265,224	229,888	180	179,552	375,013	3,408	267,683

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet) — Continued

Year and Month	Louisiana ^b	Michigan	Mississippi	Montana	New Mexico	North Dakota	Oklahoma
1996 Total	5,289,742	245,740	103,263	50,996	1,554,087	49,674	1,734,887
1997 Total	5,229,821	305,950	107,300	52,437	1,558,633	52,401	1,703,888
1998 Total	5,277,188	278,076	108,068	57,645	1,501,098	53,185	1,669,367
1999 Total	5,275,730	277,364	111,021	61,163	1,511,671	52,862	1,594,002
2000							
January	421,366	22,586	8,241	6,003	145,404	4,585	140,183
February	392,889	15,849	5,386	5,480	137,819	4,116	125,741
March	429,630	33,893	7,350	6,016	147,050	4,291	140,811
April	415,525	12,551	6,785	5,614	137,212	4,278	132,697
May	428,197	26,709	7,527	5,809	143,431	4,543	136,652
June	413,358	17,328	6,938	5,369	136,470	4,322	136,693
July	431,309	30,404	7,347	5,888	141,810	4,505	138,946
August	434,049	33,002	7,571	5,833	139,961	4,320	139,930
September	421,580	24,743	7,227	5,723	139,149	4,329	132,330
October	435,279	38,453	7,958	6,039	141,187	4,490	145,745
November	417,355	25,882	7,693	5,741	136,170	4,178	119,411
December	428,327	15,156	8,535	6,422	141,754	4,469	123,749
Total	5,068,863	296,556	88,558	69,936	1,687,416	52,426	1,612,890
2001							
January	467,724	27,354	8,958	6,555	138,892	4,537	^E 141,360
February	428,810	13,735	7,749	5,906	126,673	4,019	^E 129,640
March	474,754	29,621	8,398	6,364	137,458	4,548	^E 143,530
April	459,439	20,195	9,892	6,215	132,246	4,564	^E 138,900
May	474,308	35,791	10,332	6,273	126,566	4,569	^E 143,395
June	446,847	17,942	8,440	6,036	^E 120,771	4,349	^E 138,768
July	462,219	20,115	9,313	6,452	^E 125,274	4,649	^E 143,395
August	455,170	26,818	9,494	6,308	^E 126,287	4,753	^E 142,600
September	442,183	14,571	8,341	6,502	^E 122,513	4,502	^E 137,328
October	455,288	29,294	9,074	7,031	^E 126,806	4,574	^E 141,906
November	436,901	24,190	8,353	7,193	^E 120,164	4,596	^E 136,641
December	452,820	31,547	9,196	7,122	^E 118,092	4,771	^E 141,619
Total	5,456,463	291,172	107,540	77,958	^E1,521,742	54,432	^E1,679,082
2002							
January	461,646	34,593	9,510	7,569	137,980	4,763	^E 135,659
February	417,237	13,357	8,688	6,715	124,271	4,263	^E 123,144
March	466,389	31,113	9,016	7,131	137,618	4,712	^E 137,542
April	450,802	17,564	8,706	6,993	129,000	4,617	^E 132,944
May	466,005	29,128	9,321	^E 7,174	130,615	4,910	^E 137,734
June	450,972	^E 20,109	9,065	^E 6,714	^E 126,542	4,628	^E 134,508
2002 YTD	2,713,051	^E145,864	54,307	^E42,296	^E786,026	27,894	^E801,531
2001 YTD	2,751,882	144,638	53,769	37,349	^E782,605	26,587	^E835,593
2000 YTD	2,500,965	128,915	42,227	34,292	847,386	26,135	812,777

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet) — Continued

Year and Month	Oregon	Texas ^c	Utah	Wyoming	Other ^a States	U.S. Total
1996 Total	1,439	6,470,620	250,767	666,036	805,491	19,812,241
1997 Total	1,173	6,453,873	257,139	738,368	736,679	19,866,093
1998 Total	1,067	6,408,444	277,340	903,836	775,235	19,961,348
1999 Total	1,291	6,211,613	262,614	971,230	800,579	19,804,848
2000						
January	124	522,128	22,008	92,837	79,277	1,700,461
February	105	488,863	20,526	84,714	74,653	1,568,663
March	107	531,944	21,916	90,043	78,056	1,717,180
April	99	507,411	21,255	87,761	76,693	1,622,729
May	102	529,617	22,525	90,699	71,637	1,685,770
June	94	523,281	21,638	87,579	76,514	1,643,048
July	90	531,434	22,772	90,281	72,583	1,696,792
August	96	531,705	22,864	90,812	75,554	1,707,010
September	97	509,474	22,664	89,472	75,066	1,647,075
October	109	526,000	23,374	95,215	78,431	1,725,300
November	97	508,353	22,943	91,715	77,322	1,636,200
December	93	495,039	24,801	97,201	82,022	1,652,058
Total	1,214	6,205,249	269,285	1,088,328	917,808	20,002,287
2001						
January	^R 113	539,175	24,309	111,315	^E 81,856	^{RE} 1,761,809
February	^R 108	485,370	22,368	101,763	^E 74,185	^{RE} 1,592,206
March	^R 116	536,836	24,876	114,525	^E 78,145	^{RE} 1,766,683
April	^R 102	523,416	24,381	109,921	^E 75,056	^{RE} 1,702,831
May	^R 97	539,296	24,261	110,238	^E 73,630	^{RE} 1,749,698
June	^R 89	521,986	23,502	108,676	^E 74,129	^{RE} 1,664,870
July	^R 93	539,802	22,972	112,311	^E 74,298	^{RE} 1,722,737
August	^R 89	534,645	22,826	112,881	^E 74,290	^{RE} 1,718,308
September	80	518,138	22,649	112,708	^E 74,379	^E 1,658,916
October	^R 80	541,722	23,854	120,064	^E 80,015	^{RE} 1,742,764
November	^R 68	519,853	23,854	115,447	^E 77,028	^{RE} 1,676,109
December	^R 76	535,555	24,578	115,728	^E 81,857	^{RE} 1,732,702
Total	^R 1,110	6,335,794	284,431	1,345,576	^E 918,868	^{RE} 20,489,634
2002						
January	^R 75	541,077	24,544	117,851	^E 86,964	^{RE} 1,768,484
February	^R 69	482,212	22,492	109,212	^E 79,494	^{RE} 1,582,484
March	^R 71	542,218	24,655	118,039	^E 83,416	^{RE} 1,766,649
April	^R 74	525,296	23,114	115,733	^E 80,399	^{RE} 1,692,143
May	^R 73	543,015	^R 23,968	120,648	^E 78,411	^{RE} 1,749,766
June	73	533,613	22,596	116,345	^E 79,803	^E 1,699,216
2002 YTD	435	3,167,431	141,368	697,828	^E 488,487	^E 10,258,742
2001 YTD	624	3,146,079	143,697	656,438	^E 457,001	^E 10,238,097
2000 YTD	632	3,103,244	129,867	533,634	456,831	9,937,852

^a Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia, and West Virginia. The 2001 and later data monthly values for these States are estimated.

^b For Alabama and Louisiana, all data for 1996 through 2000 include Federal Offshore production. For 2001, Alabama data do not include Federal Offshore production, while data for Louisiana include both the Louisiana and Alabama portions of Federal Offshore Production.

^c Federal offshore production volumes are included.

^R Revised Data.

^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Sources: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000*. January 2001 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Minerals Management Service reports, and EIA computations.

Table 8. Gross Withdrawals and Marketed Production of Natural Gas by State, June 2002

(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	30,808	494	31,303	1,008	1,601	94	28,600
Alaska	15,605	263,931	279,535	241,810	0	617	37,109
Arizona	24	0	24	0	0	0	24
California	7,413	25,768	33,180	2,596	217	106	30,261
Colorado	^E 51,711	^E 8,418	^E 60,129	^E 523	0	^E 66	^E 59,540
Florida	0	325	325	0	37	0	287
Kansas	34,928	3,603	38,531	66	0	39	38,427
Louisiana	396,852	59,658	456,511	3,580	0	1,958	450,972
Michigan	^E 16,366	^E 4,092	^E 20,458	^E 144	0	^E 205	^E 20,109
Mississippi	11,691	386	12,077	488	2,262	262	9,065
Montana	^E 6,738	0	^E 6,738	0	0	^E 24	^E 6,714
New Mexico	^E 111,200	^E 17,058	^E 128,259	^E 1,495	0	^E 221	^E 126,542
North Dakota	1,260	3,624	4,884	0	13	244	4,628
Oklahoma	^E 121,599	^E 12,909	^E 134,508	^E 0	^E 0	^E 0	^E 134,508
Oregon	73	0	73	0	0	0	73
Texas	473,134	114,484	587,618	38,027	13,505	2,472	533,613
Utah	20,681	2,712	23,393	31	0	766	22,596
Wyoming	126,659	14,471	141,131	8,693	15,034	1,058	116,345
Other States	^E 78,078	^E 2,302	^E 80,379	0	^E 444	^E 132	^E 79,803
Total	^E1,504,820	^E534,235	^E2,039,055	^E298,462	^E33,114	^E8,263	^E1,699,216

^a See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

^E Estimated Data.

Notes: All monthly data are considered preliminary until publication of the *Natural Gas Annual* for that year. Totals may not equal sum of components

because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Source: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report."

Table 9. Underground Natural Gas Storage - All Operators, 1996-2002

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^c
1996 Total^a	—	—	—	—	—	2,906	2,911	6
1997 Total^a	—	—	—	—	—	2,800	2,824	24
1998 Total^a	—	—	—	—	—	2,905	2,379	-526
1999 Total^a	—	—	—	—	—	2,598	2,772	174
2000								
January	4,379	1,760	6,139	-312	-15.1	59	841	782
February	4,378	1,304	5,681	-445	-25.3	83	533	450
March	4,364	1,153	5,517	-255	-18.0	139	291	152
April	4,362	1,203	5,565	-297	-19.6	192	146	-46
May	4,362	1,433	5,795	-404	-21.9	313	82	-231
June	4,361	1,717	6,079	-435	-20.1	349	65	-284
July	4,362	2,003	6,365	-379	-15.8	372	83	-289
August	4,361	2,199	6,560	-414	-15.8	305	109	-196
September	4,360	2,494	6,855	-432	-14.7	370	80	-291
October	4,360	2,732	7,092	-345	-11.1	329	88	-241
November	4,361	2,442	6,803	-628	-20.3	108	396	288
December	4,352	1,719	6,071	-806	-31.9	66	785	720
Total	—	—	—	—	—	2,684	3,498	814
2001								
January	4,344	1,265	5,609	-495	-28.1	93	559	467
February	4,328	912	5,241	-391	-30.0	71	409	338
March	4,300	742	5,042	-412	-35.7	113	293	181
April	4,261	992	5,253	-210	-17.5	345	68	-276
May	4,309	1,440	5,749	7	0.5	488	41	-448
June	4,310	1,882	6,193	165	9.6	470	48	-422
July	4,315	2,261	6,576	258	12.9	441	64	-376
August	4,313	2,576	6,889	377	17.1	384	79	-305
September	4,318	2,944	7,262	450	18.0	409	41	-368
October	4,310	3,144	7,454	412	15.1	281	92	-189
November	4,301	3,254	7,555	812	33.2	223	138	-85
December	4,301	2,904	7,204	1,185	68.9	80	430	350
Total	—	—	—	—	—	3,399	2,264	-1,134
2002								
January	4,313	2,344	6,657	1,078	85.2	59	605	546
February	4,356	1,838	6,194	925	101.4	55	517	462
March	4,355	1,518	5,873	776	104.7	105	425	320
April	4,355	1,659	6,014	666	67.1	237	111	-126
May	4,361	1,968	6,329	528	36.7	381	58	-323
June	4,355	2,308	6,663	426	22.6	395	56	-339
July	4,358	2,539	6,896	278	12.3	341	101	-239
August	4,357	2,773	7,130	198	7.7	322	89	-234

^a Total as of December 31.^b Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1996 - 7,980; 1997 - 8,332; 1998 - 8,179; 1999 - 8,229; and 2000 - 8,241.^c Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

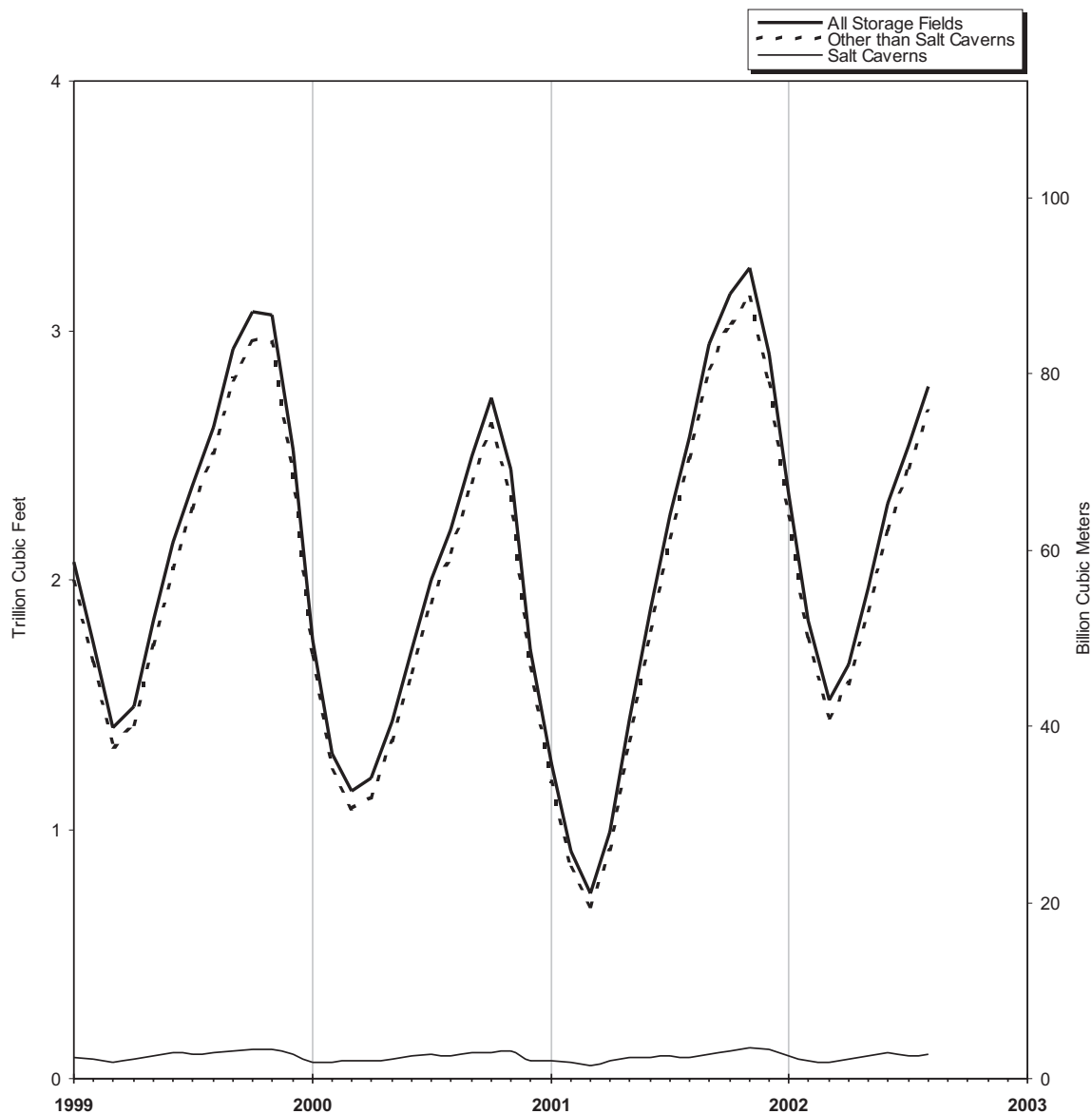
Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion

of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Figure 5

Figure 5. Working Gas in Underground Natural Gas Storage in the U.S., 1999-2002



Sources: Tables 10, 11 and 12.

Table 10. Underground Natural Gas Storage - by Season, 1999-2002

(Volumes in Billion Cubic Feet)

Year, Season and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^a
October 1999	4,370	3,073	7,443	-118	-3.7	247	92	-155
1999-2000 Heating Season								
November	4,380	3,065	7,445	-90	-2.8	173	205	32
December	4,383	2,523	6,906	-207	-7.6	63	606	543
January	4,379	1,760	6,139	-312	-15.1	59	841	782
February	4,378	1,304	5,681	-445	-25.3	83	533	450
March	4,364	1,153	5,517	-255	-18.0	139	291	152
Total	—	—	—	—	—	517	2,476	1,959
2000 Refill Season								
April	4,362	1,203	5,565	-297	-19.6	192	146	-46
May	4,362	1,433	5,795	-404	-21.9	313	82	-231
June	4,361	1,717	6,079	-435	-20.1	349	65	-284
July	4,362	2,003	6,365	-379	-15.8	372	83	-289
August	4,361	2,199	6,560	-414	-15.8	305	109	-196
September	4,360	2,494	6,855	-432	-14.7	370	80	-291
October	4,360	2,732	7,092	-345	-11.1	329	88	-241
Total	—	—	—	—	—	2,230	651	-1,579
2000-2001 Heating Season								
November	4,361	2,442	6,803	-628	-20.3	108	396	288
December	4,352	1,719	6,071	-806	-31.9	66	785	720
January	4,344	1,265	5,609	-495	-28.1	93	559	467
February	4,328	912	5,241	-391	-30.0	71	409	338
March	4,300	742	5,042	-412	-35.7	113	293	181
Total	—	—	—	—	—	450	2,443	1,993
2001 Refill Season								
April	4,261	992	5,253	-210	-17.5	345	68	-276
May	4,309	1,440	5,749	7	0.5	488	41	-448
June	4,310	1,882	6,193	165	9.6	470	48	-422
July	4,315	2,261	6,576	258	12.9	441	64	-376
August	4,313	2,576	6,889	377	17.1	384	79	-305
September	4,318	2,944	7,262	450	18.0	409	41	-368
October	4,310	3,144	7,454	412	15.1	281	92	-189
Total	—	—	—	—	—	2,819	435	-2,384
2001-2002 Heating Season								
November	4,301	3,254	7,555	812	33.2	223	138	-85
December	4,301	2,904	7,204	1,185	68.9	80	430	350
January	4,313	2,344	6,657	1,078	85.2	59	605	546
February	4,356	1,838	6,194	925	101.4	55	517	462
March	4,355	1,518	5,873	776	104.7	105	425	320
Total	—	—	—	—	—	523	2,115	1,593
2002 Refill Season								
April	4,355	1,659	6,014	666	67.1	237	111	-126
May	4,361	1,968	6,329	528	36.7	381	58	-323
June	4,355	2,308	6,663	426	22.6	395	56	-339
July	4,358	2,539	6,896	278	12.3	341	101	-239
August	4,357	2,773	7,130	198	7.7	322	89	-234

^a Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period

to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1996-2002
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1996 Total^a	—	—	—	—	—	258	246	-13
1997 Total^a	—	—	—	—	—	267	274	6
1998 Total^a	—	—	—	—	—	297	275	-22
1999 Total^a	—	—	—	—	—	260	259	-1
2000								
January	68	65	133	-15	-21.2	16	50	34
February	68	66	134	-12	-15.1	23	22	-1
March	69	69	138	0	1.5	24	20	-3
April	69	74	143	-4	-5.5	24	19	-5
May	70	77	147	-17	-18.1	27	24	-3
June	70	90	160	-12	-11.4	31	18	-13
July	71	97	168	1	1.7	30	21	-9
August	72	90	161	-13	-12.3	24	32	8
September	71	101	172	-12	-9.7	31	18	-12
October	71	107	178	-9	-6.6	29	20	-9
November	71	110	182	-9	-5.2	21	23	1
December	70	72	142	-28	-28.0	18	55	36
Total	—	—	—	—	—	296	320	24
2001								
January	71	73	144	9	13.5	33	31	-1
February	69	67	136	1	1.1	19	27	8
March	69	53	122	-16	-23.6	20	34	14
April	69	71	140	-3	-4.4	33	15	-18
May	71	85	156	8	10.4	30	14	-16
June	71	85	155	-5	-5.1	26	25	-1
July	71	89	160	-8	-8.4	29	25	-4
August	71	86	157	-2	-2.7	27	29	2
September	71	100	171	0	-0.3	33	19	-14
October	71	108	180	1	0.8	33	24	-8
November	77	123	200	13	11.6	35	21	-14
December	77	115	191	43	59.4	19	28	9
Total	—	—	—	—	—	337	293	-44
2002								
January	77	93	170	19	26.2	24	46	22
February	77	74	151	7	10.9	20	38	18
March	77	65	142	12	22.3	27	36	9
April	77	77	154	6	8.1	29	17	-12
May	77	93	171	8	9.7	35	19	-16
June	77	104	181	19	22.2	32	21	-10
July	80	91	171	2	2.7	29	36	7
August	80	96	176	10	11.3	32	27	-5

^a Total as of December 31.

— Not Applicable.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1996-2002

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Non-Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1996 Total^a	—	—	—	—	—	2,647	2,665	18
1997 Total^a	—	—	—	—	—	2,533	2,551	18
1998 Total^a	—	—	—	—	—	2,608	2,103	-504
1999 Total^a	—	—	—	—	—	2,338	2,512	175
2000								
January	4,310	1,696	6,006	-280	-14.8	44	791	748
February	4,309	1,238	5,547	-418	-25.8	60	511	451
March	4,295	1,084	5,379	-242	-19.0	116	271	156
April	4,293	1,129	5,422	-277	-20.4	167	127	-41
May	4,292	1,356	5,648	-387	-22.1	286	58	-228
June	4,291	1,627	5,918	-423	-20.5	318	47	-271
July	4,291	1,906	6,196	-380	-16.6	343	62	-281
August	4,289	2,109	6,399	-401	-15.9	281	77	-204
September	4,289	2,393	6,683	-420	-14.9	340	61	-278
October	4,289	2,625	6,913	-336	-11.3	300	68	-233
November	4,290	2,332	6,621	-620	-20.9	86	373	287
December	4,282	1,647	5,929	-779	-32.0	47	731	684
Total	—	—	—	—	—	2,388	3,178	790
2001								
January	4,273	1,192	5,465	-504	-29.7	60	528	468
February	4,259	846	5,105	-392	-31.5	52	382	330
March	4,232	688	4,920	-396	-36.3	93	259	166
April	4,192	921	5,113	-208	-17.0	312	54	-259
May	4,239	1,355	5,594	-1	0.4	458	27	-432
June	4,239	1,798	6,037	171	11.2	445	23	-421
July	4,245	2,172	6,417	266	14.4	411	39	-372
August	4,242	2,490	6,732	380	18.5	357	50	-307
September	4,247	2,844	7,091	450	19.9	376	22	-354
October	4,238	3,036	7,274	411	15.7	248	68	-180
November	4,224	3,131	7,354	799	34.3	188	117	-71
December	4,224	2,789	7,013	1,142	69.3	61	402	341
Total	—	—	—	—	—	3,062	1,971	-1,091
2002								
January	4,236	2,251	6,487	1,059	88.8	36	560	524
February	4,279	1,764	6,043	918	108.6	35	479	444
March	4,278	1,453	5,731	764	111.0	78	389	311
April	4,278	1,582	5,860	661	71.7	208	94	-114
May	4,284	1,875	6,159	520	38.4	346	39	-307
June	4,278	2,205	6,483	407	22.6	363	35	-328
July	4,278	2,448	6,725	275	12.7	312	65	-247
August	4,277	2,678	6,954	188	7.5	290	62	-228

^a Total as of December 31.

— Not Applicable.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002
(Volumes in Million Cubic Feet)

State	2002					
	August	July	June	May	April	March
Alabama	-97	-250	2	-100	-257	271
Arkansas	-390	-340	-463	-504	-47	235
California	300	-7,074	-12,551	-20,711	-20,680	5,245
Colorado	-6,603	-3,949	-3,290	700	-2,247	5,766
Illinois	-36,355	-28,449	-37,470	-26,234	8,790	26,990
Indiana	-2,706	-3,524	-2,988	-1,452	1,997	3,589
Iowa	-12,477	-12,189	-4,981	-701	363	7,122
Kansas	-9,211	-2,974	-11,587	-17,806	-6,721	12,651
Kentucky	-5,606	-4,142	-7,907	-9,766	400	10,669
Louisiana	-13,157	-6,555	-19,113	-33,062	-11,352	18,770
Maryland	-2,104	-2,618	-2,504	-780	427	2,121
Michigan	-54,020	-51,389	-58,362	-39,468	-10,433	74,426
Minnesota	-288	-276	0	0	134	375
Mississippi	-4,789	-2,822	-6,879	-8,184	-1,528	4,016
Missouri	-1,096	18	13	10	215	1,089
Montana	-5,185	-6,590	-3,915	-1,879	707	3,605
Nebraska	-705	238	-601	-1,036	-261	1,628
New Mexico	755	366	1,211	-1,304	87	1,131
New York	-5,554	-7,710	-11,015	-6,751	-1,459	7,783
Ohio	-27,004	-30,971	-32,067	-25,799	-9,911	33,060
Oklahoma	2,172	-985	-13,006	-25,468	-13,141	13,099
Oregon	-2,120	-2,679	-3,182	491	1,648	2,859
Pennsylvania	-24,677	-29,850	-49,766	-41,830	-16,389	46,264
Tennessee	4	15	2	7	0	-1
Texas	9,023	-142	-14,881	-23,862	-25,965	10,269
Utah	-6,336	-6,807	-7,112	-7,913	-3,510	2,811
Virginia	-146	-274	-289	-537	-160	383
Washington	-956	-620	-2,918	-4,057	-3,810	849
West Virginia	-20,483	-22,527	-29,037	-22,101	-10,731	20,896
Wyoming	-3,702	-4,164	-3,920	-2,877	-2,081	2,175
AGA Regions						
Producing	-15,694	-13,701	-64,716	-110,290	-58,923	60,442
Eastern Consuming	-192,929	-193,372	-236,972	-176,437	-37,154	236,020
Western Consuming	-24,891	-32,159	-36,888	-36,245	-29,838	23,685
Total	-233,514	-239,233	-338,575	-322,972	-125,916	320,146

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2002		2001				
	February	January	Total	December	November	October	September
Alabama	108	210	-711	-11	-501	120	-17
Arkansas	770	486	-2,904	507	-90	-339	-579
California	4,939	39,393	-74,641	23,726	-13,104	-14,507	-9,385
Colorado	7,182	4,892	-7,388	1,048	-63	753	-5,021
Illinois	49,634	58,536	-24,866	47,266	43	-26,142	-33,582
Indiana	4,666	4,084	-5,686	3,777	-2,298	-3,809	-4,044
Iowa	15,015	21,622	-21,025	17,209	-3,118	-11,688	-13,710
Kansas	17,130	19,274	-46,721	12,355	-4,369	-1,268	-17,406
Kentucky	11,384	8,665	-36,233	6,206	12	-5,143	-8,975
Louisiana	39,103	41,561	-123,545	23,556	-20,514	-10,552	-34,844
Maryland	1,352	2,722	-4,265	1,619	-34	-1,310	-1,166
Michigan	73,014	84,521	-226,068	65,214	-8,308	-42,469	-72,648
Minnesota	332	304	-605	3	-134	-174	-232
Mississippi	8,337	9,588	-11,441	4,205	-2,504	1,082	-4,068
Missouri	825	-24	-904	254	-255	-248	-348
Montana	2,765	3,400	-9,117	3,890	503	-1,573	-4,853
Nebraska	679	1,267	-2,349	831	-45	-361	-1,250
New Mexico	1,655	1,285	-9,476	645	-1,059	-173	-891
New York	10,978	14,435	-16,354	8,628	-1,337	-3,374	-6,343
Ohio	44,426	41,480	-61,585	31,110	2,950	-9,844	-26,370
Oklahoma	20,976	23,962	-71,523	10,886	-2,795	-4,003	-17,906
Oregon	787	1,424	-2,624	1,572	-766	0	-852
Pennsylvania	62,974	61,675	-92,474	48,277	-9,455	-18,022	-39,267
Tennessee	-1	-50	-337	1	-30	-100	-62
Texas	27,590	36,821	-176,609	-136	-15,122	-21,203	-28,769
Utah	7,407	11,857	-12,511	9,619	3,189	-280	-7,384
Virginia	677	500	-1,097	277	-27	-32	-271
Washington	4,145	7,037	-2,821	-102	145	1,030	-1,450
West Virginia	39,632	41,761	-79,928	25,006	-5,364	-12,915	-22,496
Wyoming	3,197	3,239	-8,570	2,853	-1,029	-2,113	-3,691
AGA Regions							
Producing	115,667	133,186	-442,931	52,006	-46,954	-36,337	-104,480
Eastern Consuming	315,254	341,195	-573,164	255,676	-27,260	-135,455	-230,533
Western Consuming	30,755	71,547	-118,276	42,609	-11,260	-16,864	-32,867
Total	461,676	545,928	-1,134,378	350,291	-85,481	-188,656	-367,879

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2001						
	August	July	June	May	April	March	February
Alabama	-113	-154	-576	44	-195	604	-241
Arkansas	-505	-740	-879	-992	-604	139	391
California	-10,941	-20,929	-29,462	-27,438	-17,361	-14,822	20,542
Colorado	-4,513	-4,182	-4,069	-2,301	660	1,787	4,374
Illinois	-23,679	-20,442	-25,936	-30,943	-12,251	14,412	43,450
Indiana	-2,916	-3,671	-3,159	-1,372	1,366	2,616	3,544
Iowa	-13,505	-10,141	-6,017	-5,532	-2,900	3,712	8,167
Kansas	-7,572	-6,556	-13,884	-14,428	-11,364	4,933	16,056
Kentucky	-6,409	-9,956	-12,782	-11,456	-4,039	6,901	2,626
Louisiana	-13,578	-24,699	-30,405	-25,730	-22,513	5,213	96
Maryland	518	-2,572	-3,098	-2,653	-1,402	1,215	2,382
Michigan	-79,175	-87,034	-80,530	-71,545	-36,155	43,738	76,815
Minnesota	-259	-328	-319	-152	23	154	323
Mississippi	-1,986	-5,355	-6,274	-2,821	-8,549	10,930	1,071
Missouri	-589	13	-1,063	17	-51	1,242	379
Montana	-4,966	-5,523	-4,034	-2,902	-1	1,629	4,504
Nebraska	-364	-339	-956	-1,908	-1,077	573	1,456
New Mexico	13	93	-403	-2,645	-1,573	-1,851	-1,657
New York	-5,574	-10,233	-11,212	-13,541	-6,630	8,160	11,920
Ohio	-32,266	-37,878	-32,303	-33,094	-15,734	22,906	27,160
Oklahoma	-8,596	-10,224	-23,745	-28,938	-23,624	415	12,522
Oregon	-1,860	-2,293	-2,561	-2,151	810	962	2,264
Pennsylvania	-25,406	-50,422	-55,959	-66,462	-43,608	47,171	51,475
Tennessee	-47	-63	-31	-113	-103	69	82
Texas	-24,185	-21,624	-34,795	-40,985	-43,016	2,704	8,957
Utah	-5,939	-7,179	-6,356	-7,254	-4,428	-2,807	4,031
Virginia	-322	-244	-402	-532	-434	283	92
Washington	-1,343	372	-200	-8,283	-2,300	592	6,110
West Virginia	-25,939	-31,290	-28,838	-39,499	-18,243	16,521	26,341
Wyoming	-3,143	-2,866	-1,800	-2,052	-1,073	534	2,586
AGA Regions							
Producing	-56,521	-69,260	-110,961	-116,493	-111,438	23,088	37,194
Eastern Consuming	-215,675	-264,271	-262,286	-278,633	-141,259	169,519	255,889
Western Consuming	-32,963	-42,930	-48,800	-52,532	-23,671	-11,971	44,735
Total	-305,159	-376,461	-422,046	-447,658	-276,368	180,636	337,818

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2001	2000					
	January	Total	December	November	October	September	August
Alabama	330	430	85	203	142	110	0
Arkansas	785	3,033	2,077	432	-397	-268	-680
California	39,041	47,960	6,493	27,309	-10,735	-1,623	19,420
Colorado	4,138	8,613	4,969	4,003	-2,003	-2,248	-4,811
Illinois	42,940	24,165	49,235	25,535	-33,495	-30,571	-27,776
Indiana	4,279	3,892	7,120	-608	-4,297	-3,323	-2,698
Iowa	16,496	13,560	23,122	11,086	-13,898	-13,240	-12,021
Kansas	-3,218	34,047	25,577	20,998	-18,438	-16,047	-1,042
Kentucky	6,783	30,198	23,027	11,187	-8,599	-10,707	-6,537
Louisiana	30,425	96,201	67,565	12,336	-23,895	-20,965	-12,990
Maryland	2,235	4,383	5,151	1,323	-288	-44	-2,241
Michigan	66,029	146,588	127,858	48,638	-37,897	-46,387	-53,184
Minnesota	489	306	567	-92	-199	-266	-277
Mississippi	2,828	1,853	14,228	4,503	-4,386	-4,632	-3,418
Missouri	-255	567	1,078	-191	-353	-711	209
Montana	4,208	13,911	5,173	3,722	51	-958	-2,264
Nebraska	1,090	4,366	1,124	1,622	-503	-764	225
New Mexico	25	-561	418	-295	-905	-50	1,040
New York	13,182	9,824	17,276	5,062	-4,026	-7,909	-7,493
Ohio	41,777	48,330	61,149	24,034	-10,060	-23,823	-25,180
Oklahoma	24,484	88,353	42,630	16,307	-13,209	-12,480	660
Oregon	2,252	212	1,565	849	-720	-720	-2,074
Pennsylvania	69,205	47,204	96,037	21,869	-26,640	-47,265	-32,778
Tennessee	59	59	-12	-86	-114	-49	0
Texas	41,565	127,251	67,839	12,680	-16,995	-12,544	12,106
Utah	12,277	6,537	10,861	9,016	1,000	-5,592	-6,633
Virginia	517	471	789	354	-251	-202	-222
Washington	2,608	1,932	-1,986	3,781	1,188	-2,835	909
West Virginia	36,787	42,171	55,132	20,788	-11,762	-24,203	-25,366
Wyoming	3,225	8,063	3,611	1,933	336	-360	-897
AGA Regions							
Producing	97,224	350,177	220,332	66,960	-78,226	-66,987	-4,324
Eastern Consuming	301,124	376,207	468,171	170,818	-152,040	-209,087	-195,064
Western Consuming	68,237	87,535	31,251	50,522	-11,083	-14,602	3,374
Total	466,585	813,920	719,754	288,299	-241,349	-290,675	-196,014

Notes: This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data through 2000 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly

estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

Table 14. Activities of Underground Natural Gas Storage Operators, by State, August 2002

(Volumes in Million Cubic Feet)

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Alabama	5,280	2,690	2,423	5,113	772	46.8	139	42
Arkansas	22,000	8,715	6,994	15,709	754	12.1	390	0
California	475,720	235,462	209,790	445,252	23,077	12.4	6,165	6,465
Colorado	100,227	47,655	33,559	81,213	1,079	3.3	6,813	209
Illinois	898,565	666,632	206,423	873,055	22,225	12.1	37,361	1,006
Indiana	109,310	77,477	25,453	102,929	-1,685	-6.2	2,843	136
Iowa	273,200	201,750	35,484	237,234	-6,502	-15.5	13,011	534
Kansas	301,502	178,385	84,860	263,246	10,192	13.7	10,577	1,367
Kentucky	219,914	139,865	64,914	204,779	-26,396	-28.9	6,254	648
Louisiana	580,037	272,961	232,544	505,505	20,930	9.9	27,234	14,076
Maryland	62,000	46,677	14,523	61,200	2,962	25.6	2,132	27
Michigan	1,070,717	459,027	478,162	937,190	42,531	9.8	55,014	995
Minnesota	7,000	4,840	1,574	6,414	-42	-2.6	358	70
Mississippi	141,912	80,375	49,472	129,847	-1,875	-3.7	7,365	2,576
Missouri	31,878	21,600	9,021	30,621	-453	-4.8	1,113	17
Montana	371,510	179,526	28,806	208,332	-2,776	-8.8	6,018	833
Nebraska	39,469	26,995	4,954	31,949	-385	-7.2	834	129
New Mexico	96,600	29,766	9,779	39,544	745	8.2	698	1,453
New York	175,496	96,344	68,695	165,039	399	0.6	6,346	792
Ohio	573,784	344,331	167,604	511,935	9,480	6.0	27,608	605
Oklahoma	382,037	207,488	130,338	337,826	-971	-0.7	6,552	8,724
Oregon	21,080	9,352	10,928	20,280	811	8.0	2,120	0
Pennsylvania	950,148	342,083	333,244	675,327	18,826	6.0	37,225	12,549
Tennessee	1,200	340	605	945	-126	-17.3	1	5
Texas	699,324	247,110	291,500	538,610	43,795	17.7	24,503	33,527
Utah	129,480	64,691	44,587	109,278	4,608	11.5	6,443	107
Virginia	4,967	2,387	2,322	4,709	-94	-3.9	258	112
Washington	37,300	19,000	17,456	36,456	709	4.2	1,512	556
West Virginia	496,796	278,343	172,407	450,750	18,937	12.3	21,559	1,076
Wyoming	105,869	64,810	34,959	99,769	16,054	84.9	3,709	7
AGA Regions								
Producing	2,228,692	1,027,490	807,910	1,835,400	75,994	10.4	77,459	61,765
Eastern Consuming	4,907,444	2,703,851	1,583,811	4,287,662	78,067	5.2	211,560	18,631
Western Consuming	1,248,185	625,335	381,658	1,006,994	43,520	12.9	33,139	8,248
Total	8,384,320	4,356,676	2,773,379	7,130,055	197,581	7.7	322,158	88,644

Notes: Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA)

when they published similar weekly estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002
(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				July	June	May
Alabama	30,959	36,225	30,515	1,094	1,376	1,606
Alaska	NA	8,815	9,219	436	NA	989
Arizona	25,675	26,294	23,305	1,108	1,384	1,718
Arkansas	NA	26,212	22,992	NA	NA	NA
California	330,686	333,329	317,785	24,896	26,372	34,653
Colorado	NA	88,773	74,036	2,556	2,635	5,094
Connecticut	NA	27,738	27,128	819	NA	2,022
Delaware	6,194	7,226	6,820	191	265	460
District of Columbia	7,976	10,879	10,527	314	347	559
Florida	10,138	11,270	9,970	779	836	909
Georgia	72,706	81,725	76,098	3,651	3,710	4,822
Hawaii	323	324	328	45	41	44
Idaho	13,809	13,184	12,019	391	697	1,237
Illinois	289,455	281,851	266,786	9,527	12,241	23,423
Indiana	99,874	NA	98,292	2,634	4,167	8,643
Iowa	45,951	50,645	43,925	1,322	1,864	3,521
Kansas	47,867	53,123	45,236	1,463	1,988	2,965
Kentucky	35,157	36,565	35,728	1,032	1,129	1,691
Louisiana	NA	34,686	30,454	NA	NA	NA
Maine	NA	629	644	25	NA	49
Maryland	NA	56,166	52,498	1,636	NA	3,087
Massachusetts	73,159	83,785	77,820	3,231	4,519	6,854
Michigan	239,155	247,478	235,327	7,505	13,734	23,198
Minnesota	82,478	84,121	75,762	2,998	3,474	7,835
Mississippi	18,747	20,691	17,159	717	920	1,019
Missouri	78,220	86,891	73,724	2,353	3,148	5,173
Montana	14,049	13,254	11,886	454	785	1,412
Nebraska	29,283	32,877	27,507	893	1,156	1,839
Nevada	21,725	21,249	18,348	1,033	1,296	1,753
New Hampshire	4,660	5,054	5,048	225	303	445
New Jersey	130,546	149,364	141,021	4,968	6,250	9,956
New Mexico	22,893	19,544	20,103	817	958	1,266
New York	250,031	269,550	267,621	10,987	15,561	25,856
North Carolina	37,710	41,766	40,894	1,019	1,456	1,771
North Dakota	7,165	6,626	6,879	195	248	641
Ohio	208,840	223,354	211,788	7,452	9,587	16,745
Oklahoma	NA	49,537	41,710	1,711	R1,974	NA
Oregon	27,067	26,485	25,769	993	1,613	2,776
Pennsylvania	152,094	174,218	167,005	5,195	7,271	12,207
Rhode Island	NA	13,602	13,226	476	783	1,268
South Carolina	18,812	20,516	19,016	538	721	832
South Dakota	8,228	8,308	7,492	224	326	757
Tennessee	48,738	49,422	43,057	1,196	1,667	2,087
Texas	139,171	153,996	119,053	6,736	7,014	7,587
Utah	36,047	33,040	29,913	1,412	1,574	2,277
Vermont	1,884	2,035	1,998	64	119	182
Virginia	44,677	52,214	49,335	1,519	1,976	2,773
Washington	NA	48,260	47,225	NA	NA	5,537
West Virginia	NA	22,870	21,587	1,225	1,236	2,520
Wisconsin	84,514	87,731	78,341	2,587	3,458	7,853
Wyoming	NA	7,260	7,379	NA	453	815
Total	3,161,464	3,342,430	3,097,296	127,814	R163,537	258,793

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002				2001	
	April	March	February	January	Total	December
Alabama	3,315	7,033	7,640	8,895	47,543	4,341
Alaska	1,453	2,185	1,998	2,125	16,799	2,783
Arizona	2,678	4,531	6,659	7,599	36,122	5,012
Arkansas	NA	NA	7,325	NA	39,124	6,056
California	43,114	58,010	64,134	79,507	508,265	63,738
Colorado	NA	17,031	19,643	21,658	123,893	17,192
Connecticut	3,702	4,736	NA	6,197	40,563	5,325
Delaware	909	1,286	1,385	1,697	9,379	833
District of Columbia	798	1,648	1,988	2,324	14,297	1,353
Florida	1,252	1,954	1,893	2,516	15,623	1,202
Georgia	5,755	13,698	19,102	21,969	123,342	17,132
Hawaii	49	48	48	49	537	47
Idaho	1,795	2,797	3,442	3,450	19,076	2,820
Illinois	42,614	65,402	64,032	72,217	427,822	64,202
Indiana	14,105	21,786	21,741	26,798	NA	18,917
Iowa	6,509	10,467	10,288	11,981	71,305	9,450
Kansas	6,316	10,662	11,197	13,277	70,546	8,416
Kentucky	3,667	8,162	9,346	10,130	56,778	9,494
Louisiana	NA	NA	NA	8,322	NA	NA
Maine	88	134	138	141	979	132
Maryland	4,739	9,704	11,882	12,872	^R 80,478	^R 9,291
Massachusetts	10,259	14,639	16,360	17,297	109,204	8,703
Michigan	35,940	49,969	49,807	59,002	352,143	41,753
Minnesota	10,885	19,906	16,809	20,571	124,890	17,729
Mississippi	2,147	4,154	3,929	5,860	27,556	2,798
Missouri	10,616	16,977	18,792	21,161	115,618	13,235
Montana	2,079	3,207	2,799	3,313	20,102	2,946
Nebraska	4,222	6,223	6,220	8,729	45,378	4,191
Nevada	2,405	3,726	5,642	5,871	32,609	5,895
New Hampshire	653	934	1,053	1,047	6,947	766
New Jersey	17,515	27,256	30,266	34,336	208,449	23,913
New Mexico	^R 2,647	^R 4,947	6,135	^R 6,124	32,374	6,493
New York	38,011	50,929	52,455	56,231	376,825	42,984
North Carolina	4,110	7,872	9,570	11,913	57,250	6,402
North Dakota	1,028	1,761	1,455	1,837	10,674	1,712
Ohio	28,966	45,040	47,274	53,775	314,033	37,549
Oklahoma	6,630	10,581	11,106	12,761	65,116	7,707
Oregon	3,851	5,257	6,096	6,480	38,369	5,275
Pennsylvania	22,193	31,719	33,327	^R 40,182	240,614	27,155
Rhode Island	1,858	2,976	2,648	NA	17,937	1,609
South Carolina	1,901	4,261	4,632	5,926	26,955	2,516
South Dakota	1,231	1,941	1,726	2,024	12,295	1,795
Tennessee	5,347	11,326	12,157	14,959	66,745	8,112
Texas	15,490	30,253	29,456	42,635	221,573	31,816
Utah	3,244	7,740	9,276	10,522	55,331	10,135
Vermont	312	346	441	419	2,719	270
Virginia	4,365	9,394	11,122	13,527	71,151	7,355
Washington	7,879	10,270	11,229	10,931	84,668	15,978
West Virginia	3,433	5,605	5,765	NA	^R 34,014	5,098
Wisconsin	11,317	20,423	17,975	20,900	130,302	18,656
Wyoming	1,269	NA	1,439	2,365	11,064	1,511
Total	^R419,441	^R666,416	704,264	^R821,200	^R4,814,874	^R616,944

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002
(Million Cubic Feet) — Continued

State	2001					
	November	October	September	August	July	June
Alabama	2,986	1,711	1,130	1,151	1,149	1,297
Alaska	2,185	1,661	818	538	519	609
Arizona	1,653	1,153	1,025	985	1,055	1,267
Arkansas	3,583	1,613	811	848	1,017	853
California	38,751	28,974	21,170	22,303	23,989	22,861
Colorado	8,570	4,079	2,816	2,462	3,044	4,464
Connecticut	3,489	2,120	883	1,007	803	1,208
Delaware	628	341	187	164	219	275
District of Columbia	950	471	331	313	351	442
Florida	985	764	700	702	728	781
Georgia	8,841	8,108	3,928	3,608	3,674	3,819
Hawaii	43	40	43	41	44	47
Idaho	1,597	712	423	341	412	584
Illinois	34,296	26,298	12,207	8,969	9,918	11,443
Indiana	11,418	7,965	NA	NA	NA	NA
Iowa	4,785	3,523	1,585	1,316	1,546	1,929
Kansas	3,837	2,057	1,573	1,539	1,536	1,743
Kentucky	5,087	3,162	1,371	1,098	1,031	954
Louisiana	NA	NA	NA	1,548	1,885	1,657
Maine	107	54	32	25	25	22
Maryland	6,205	5,110	1,887	1,819	1,808	2,207
Massachusetts	6,927	4,565	2,858	2,366	2,765	3,514
Michigan	28,909	19,055	8,651	6,298	7,084	10,690
Minnesota	9,659	7,548	3,204	2,630	2,730	3,485
Mississippi	1,887	914	616	651	735	773
Missouri	6,963	3,838	2,524	2,166	2,366	3,043
Montana	1,838	1,158	502	404	416	696
Nebraska	4,793	1,742	870	905	950	1,180
Nevada	2,186	1,251	1,033	995	1,041	1,174
New Hampshire	492	302	185	149	154	214
New Jersey	15,898	9,200	5,254	4,821	4,780	6,006
New Mexico	2,933	1,561	1,003	839	1,008	966
New York	27,715	16,885	10,213	9,478	9,839	13,450
North Carolina	4,563	2,498	1,078	942	1,082	1,544
North Dakota	1,010	779	266	282	215	246
Ohio	23,958	16,164	6,867	6,140	7,420	8,794
Oklahoma	3,417	1,897	1,275	1,283	1,524	1,767
Oregon	3,343	1,443	918	905	1,095	1,508
Pennsylvania	17,649	11,241	5,392	4,960	5,108	6,222
Rhode Island	1,153	617	506	450	476	644
South Carolina	2,054	887	512	470	492	567
South Dakota	970	668	278	276	247	369
Tennessee	4,579	2,221	1,264	1,146	1,161	1,288
Texas	13,981	8,436	5,565	7,779	5,729	6,979
Utah	5,608	3,489	1,610	1,448	1,411	1,782
Vermont	203	91	67	54	65	96
Virginia	5,335	3,174	1,493	1,580	1,520	1,805
Washington	11,144	5,692	1,864	1,731	2,113	3,021
West Virginia	3,187	1,622	775	462	398	456
Wisconsin	9,669	8,093	3,736	2,418	2,930	3,410
Wyoming	1,048	722	274	249	240	440
Total	367,386	240,749	129,441	117,924	124,920	148,025

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					2000
	May	April	March	February	January	Total
Alabama	1,893	4,605	5,643	8,644	12,994	45,794
Alaska	980	1,182	1,817	1,824	1,883	15,979
Arizona	1,896	2,824	5,439	7,072	6,739	34,740
Arkansas	991	2,073	6,039	6,913	8,326	42,361
California	30,433	41,474	58,633	71,182	84,757	516,730
Colorado	8,234	12,557	17,892	20,481	22,102	116,363
Connecticut	1,309	3,644	6,135	6,215	8,425	41,534
Delaware	461	1,048	1,564	1,715	1,943	9,467
District of Columbia	595	1,390	2,178	2,544	3,379	15,437
Florida	955	1,310	1,510	2,635	3,351	15,133
Georgia	4,742	7,029	17,069	16,513	28,880	140,838
Hawaii	46	47	49	43	48	535
Idaho	1,063	1,794	2,379	3,455	3,497	19,131
Illinois	14,452	26,454	61,269	72,405	85,909	467,052
Indiana	NA	10,918	21,871	24,627	33,033	160,027
Iowa	2,639	5,559	11,095	13,101	14,777	73,825
Kansas	2,437	5,758	11,650	12,213	17,787	70,589
Kentucky	1,307	2,488	9,204	8,955	12,626	64,662
Louisiana	2,014	3,181	4,852	8,222	12,874	49,744
Maine	49	61	143	154	175	1,037
Maryland	3,035	6,713	11,619	12,948	17,836	84,082
Massachusetts	5,835	13,605	18,455	18,490	21,123	114,077
Michigan	16,531	33,454	55,739	55,540	68,440	365,661
Minnesota	4,833	9,565	17,617	22,678	23,212	129,487
Mississippi	1,142	1,958	3,199	4,981	7,902	26,656
Missouri	3,840	9,594	17,971	21,190	28,888	115,353
Montana	1,047	1,906	2,583	3,330	3,276	20,072
Nebraska	2,564	4,596	6,229	7,494	9,864	41,715
Nevada	1,640	2,470	3,974	5,415	5,536	29,942
New Hampshire	386	784	1,061	1,132	1,324	7,274
New Jersey	9,242	20,570	32,905	33,583	42,276	219,878
New Mexico	1,190	1,948	2,762	5,561	6,109	35,921
New York	18,831	37,885	58,630	60,348	70,568	404,203
North Carolina	2,045	5,034	7,881	9,527	14,653	63,897
North Dakota	366	818	1,267	1,934	1,781	10,963
Ohio	12,305	27,986	48,453	51,889	66,508	343,302
Oklahoma	2,354	5,434	9,987	12,033	16,438	66,581
Oregon	2,653	3,916	5,048	5,941	6,324	38,698
Pennsylvania	10,195	23,385	38,071	39,900	51,338	262,770
Rhode Island	1,030	2,133	2,881	2,966	3,471	18,655
South Carolina	992	2,620	3,238	4,689	7,919	29,057
South Dakota	547	1,039	1,770	2,172	2,165	12,608
Tennessee	1,970	5,352	9,693	10,443	19,516	67,950
Texas	8,492	15,626	25,405	38,785	52,979	193,149
Utah	1,888	4,120	5,561	8,187	10,092	55,626
Vermont	146	316	420	446	544	2,843
Virginia	2,377	5,712	10,828	12,695	17,278	79,701
Washington	4,899	7,278	8,883	10,980	11,085	71,779
West Virginia	994	3,502	^R 5,156	5,442	6,923	31,602
Wisconsin	4,725	8,545	21,640	22,782	23,699	135,023
Wyoming	610	1,158	1,101	1,846	1,865	12,177
Total	209,913	404,418	^R686,454	784,262	984,439	4,991,678

^R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and

revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002
(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				July	June	May
Alabama	16,269	18,333	16,082	1,073	1,185	1,353
Alaska	NA	10,104	15,224	557	933	NA
Arizona	21,343	20,084	20,275	1,976	2,152	2,399
Arkansas	NA	19,765	18,406	NA	NA	NA
California	151,625	151,072	144,548	17,229	17,778	20,446
Colorado	NA	48,063	37,942	1,691	1,716	3,020
Connecticut	NA	29,099	29,905	1,800	^R 1,855	2,263
Delaware	NA	4,518	3,524	187	225	364
District of Columbia	10,522	11,707	11,617	824	797	969
Florida	31,532	30,652	29,072	3,837	3,949	4,011
Georgia	31,998	33,188	34,304	2,145	2,141	2,632
Hawaii	997	1,054	1,043	147	146	139
Idaho	10,211	9,059	8,268	366	561	870
Illinois	128,531	123,080	117,900	6,783	7,135	11,256
Indiana	50,627	NA	53,346	2,160	2,720	3,750
Iowa	29,001	31,167	26,970	1,275	1,521	2,086
Kansas	25,348	27,994	24,552	1,424	1,327	1,750
Kentucky	23,054	24,054	22,380	1,097	1,011	1,825
Louisiana	NA	16,987	15,619	NA	NA	NA
Maine	NA	1,681	1,769	NA	365	NA
Maryland	NA	38,446	35,601	2,449	NA	3,173
Massachusetts	49,917	42,531	41,257	3,542	4,788	5,626
Michigan	112,605	122,237	119,450	5,484	7,380	11,311
Minnesota	NA	62,013	56,020	3,356	3,423	6,149
Mississippi	13,576	14,576	12,743	1,068	1,159	1,023
Missouri	43,323	46,458	40,267	2,016	2,218	4,053
Montana	9,669	8,918	8,278	425	584	977
Nebraska	18,932	19,159	17,958	975	1,268	1,670
Nevada	14,498	14,344	15,541	1,208	1,373	1,575
New Hampshire	NA	5,612	5,426	328	NA	653
New Jersey	89,688	95,620	98,458	6,158	6,522	10,873
New Mexico	17,245	16,646	16,548	962	1,208	1,627
New York	195,595	193,850	246,108	23,473	22,237	22,221
North Carolina	24,542	26,093	26,888	1,512	1,621	1,902
North Dakota	NA	6,476	6,474	282	286	656
Ohio	103,233	120,551	111,805	4,627	5,634	9,417
Oklahoma	NA	31,196	26,263	1,170	^R 1,343	^R 1,868
Oregon	19,474	18,963	18,465	1,090	1,430	2,042
Pennsylvania	90,704	93,955	91,425	5,165	5,915	8,609
Rhode Island	NA	9,056	8,633	409	526	824
South Carolina	13,349	13,654	13,532	1,081	1,162	1,284
South Dakota	6,351	6,374	6,119	277	310	555
Tennessee	NA	36,187	33,839	1,884	NA	2,599
Texas	108,045	118,840	110,549	9,761	10,239	10,707
Utah	21,195	19,251	17,530	953	1,057	1,627
Vermont	1,628	1,771	1,761	72	108	161
Virginia	37,958	38,167	40,230	2,603	^R 2,765	3,598
Washington	NA	33,082	32,111	NA	NA	3,769
West Virginia	24,069	16,443	16,342	2,265	2,460	2,841
Wisconsin	49,860	52,677	47,209	2,281	2,597	4,513
Wyoming	NA	6,121	5,990	NA	420	630
Total	1,968,723	1,991,885	1,961,564	144,879	^R156,909	^R192,566

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002				2001	
	April	March	February	January	Total	December
Alabama	1,901	3,226	3,530	4,000	26,344	2,291
Alaska	1,688	1,831	1,782	1,970	18,327	2,533
Arizona	2,779	3,482	4,105	4,450	31,601	3,722
Arkansas	NA	NA	7,636	NA	31,943	3,684
California	20,574	22,685	24,573	28,341	247,188	25,418
Colorado	NA	8,062	9,076	11,290	68,209	9,083
Connecticut	3,804	4,916	NA	5,464	41,977	3,951
Delaware	NA	NA	892	1,039	6,218	571
District of Columbia	1,247	2,030	2,204	2,452	16,657	1,515
Florida	4,478	5,175	4,782	5,299	50,046	4,332
Georgia	2,989	5,826	7,566	8,700	51,713	6,450
Hawaii	143	138	138	145	1,749	136
Idaho	1,386	2,091	2,493	2,444	13,662	1,932
Illinois	19,182	27,134	26,191	30,850	188,932	25,145
Indiana	6,995	10,863	11,356	12,783	NA	9,205
Iowa	3,885	6,436	6,362	7,436	NA	NA
Kansas	3,223	5,301	5,633	6,690	38,930	4,255
Kentucky	2,600	5,481	5,567	5,473	35,555	4,618
Louisiana	NA	NA	4,524	4,382	25,916	2,514
Maine	NA	679	701	735	NA	329
Maryland	4,459	7,649	8,073	8,404	59,932	6,126
Massachusetts	7,139	8,517	10,392	9,914	62,079	6,499
Michigan	17,809	20,604	24,282	25,734	175,657	19,320
Minnesota	9,366	NA	11,181	12,941	92,616	12,119
Mississippi	1,691	2,592	2,814	3,229	R21,528	1,964
Missouri	5,728	8,756	9,749	10,802	64,937	7,426
Montana	1,449	2,076	1,898	2,260	13,311	1,771
Nebraska	3,063	4,044	4,328	3,584	26,911	3,183
Nevada	1,798	2,730	2,789	3,026	22,825	2,788
New Hampshire	NA	1,195	1,296	1,272	7,853	921
New Jersey	12,326	14,247	18,908	20,655	136,617	14,245
New Mexico	2,395	3,415	3,981	3,658	24,864	3,348
New York	27,762	32,526	33,808	33,569	336,429	35,898
North Carolina	2,856	4,775	5,587	6,287	38,555	4,053
North Dakota	980	NA	1,374	1,747	10,552	1,641
Ohio	14,572	22,678	23,735	22,570	171,937	20,210
Oklahoma	3,696	R5,338	6,986	NA	42,725	4,167
Oregon	2,642	3,449	3,969	4,853	28,056	3,349
Pennsylvania	13,511	17,933	19,527	20,045	137,064	15,610
Rhode Island	1,151	NA	1,641	NA	12,805	1,223
South Carolina	1,607	2,461	2,739	3,016	20,599	1,868
South Dakota	968	1,414	1,309	1,518	9,710	1,379
Tennessee	4,325	6,459	7,390	9,170	49,973	4,663
Texas	14,767	22,571	16,135	23,864	R184,973	20,605
Utah	2,239	4,189	5,275	5,854	31,206	5,296
Vermont	249	294	383	362	2,473	241
Virginia	4,231	7,654	8,130	8,978	59,344	6,519
Washington	R5,211	R6,184	R6,765	R8,576	57,360	9,237
West Virginia	3,482	4,376	3,986	4,658	R27,722	3,713
Wisconsin	6,634	11,404	10,392	12,040	78,833	10,359
Wyoming	1,000	1,391	994	2,161	9,195	939
Total	R271,372	R375,411	R394,021	R433,567	R3,037,197	346,835

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002
(Million Cubic Feet) — Continued

State	2001					
	November	October	September	August	July	June
Alabama	1,816	1,625	1,177	1,101	1,079	1,194
Alaska	2,148	1,687	998	856	814	873
Arizona	2,313	1,882	1,834	1,767	1,781	1,972
Arkansas	2,888	2,072	1,841	1,693	1,215	1,546
California	18,980	18,243	16,253	17,221	15,534	15,716
Colorado	4,633	2,598	2,033	1,799	2,251	2,917
Connecticut	3,010	2,263	1,706	1,949	1,632	2,471
Delaware	433	317	203	175	197	242
District of Columbia	1,224	801	781	628	903	851
Florida	4,172	3,748	3,666	3,475	3,462	3,641
Georgia	4,086	3,607	2,245	2,138	2,118	2,174
Hawaii	137	138	145	140	148	151
Idaho	1,133	657	485	396	449	517
Illinois	14,389	12,107	7,862	6,349	6,170	6,217
Indiana	6,280	5,007	NA	NA	NA	NA
Iowa	3,552	2,881	1,613	995	1,107	1,425
Kansas	2,290	1,571	1,369	1,451	1,576	1,282
Kentucky	2,829	1,783	1,147	1,124	1,023	937
Louisiana	1,855	1,574	1,496	1,490	1,423	1,526
Maine	NA	140	84	69	68	64
Maryland	5,196	4,474	3,105	2,585	2,635	2,747
Massachusetts	4,722	3,222	2,785	2,321	2,157	2,668
Michigan	13,386	9,549	6,002	5,163	5,218	6,157
Minnesota	6,442	6,089	2,999	2,955	2,773	3,170
Mississippi	^R 1,625	1,211	1,029	1,124	1,060	1,019
Missouri	4,148	2,767	2,147	1,991	2,064	2,206
Montana	1,147	725	387	363	383	492
Nebraska	1,677	1,020	963	909	1,040	1,132
Nevada	1,795	1,407	1,236	1,255	1,254	1,347
New Hampshire	605	262	233	219	128	190
New Jersey	10,385	6,907	5,181	4,278	4,881	4,463
New Mexico	1,469	1,390	1,044	967	1,020	1,087
New York	25,304	25,920	28,343	27,115	24,698	21,601
North Carolina	2,971	2,299	1,660	1,478	1,606	1,594
North Dakota	1,006	788	325	316	336	280
Ohio	11,018	9,910	5,598	4,650	5,159	5,389
Oklahoma	2,249	1,772	1,578	1,763	1,904	1,551
Oregon	2,257	1,287	1,168	1,032	1,087	1,365
Pennsylvania	10,145	8,349	4,770	4,235	4,128	5,025
Rhode Island	935	636	491	464	460	511
South Carolina	1,597	1,300	1,117	1,063	1,067	1,109
South Dakota	780	600	282	295	268	303
Tennessee	3,064	2,297	2,025	1,738	2,022	1,907
Texas	12,613	^R 10,496	^R 9,133	^R 13,286	^R 10,890	^R 10,554
Utah	2,895	1,850	982	932	934	973
Vermont	189	108	92	72	74	108
Virginia	5,205	3,752	2,944	2,757	2,512	2,553
Washington	6,930	4,195	1,956	1,961	2,097	2,696
West Virginia	2,577	2,563	1,288	1,138	832	1,297
Wisconsin	5,906	5,292	2,592	2,007	2,314	2,559
Wyoming	1,049	584	299	203	247	344
Total	^R229,710	^R187,722	^R143,395	^R137,652	^R132,011	^R136,844

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					2000
	May	April	March	February	January	Total
Alabama	1,504	2,319	2,949	3,903	5,385	25,344
Alaska	1,279	1,410	1,894	1,839	1,995	26,424
Arizona	2,317	2,810	3,466	3,759	3,981	32,211
Arkansas	1,168	1,784	3,945	4,216	5,892	33,181
California	16,985	26,490	22,690	25,858	27,800	250,947
Colorado	4,718	6,845	9,385	10,179	11,768	60,909
Connecticut	2,386	4,268	5,652	5,993	6,697	48,579
Delaware	312	663	1,007	952	1,145	5,127
District of Columbia	1,119	1,937	2,198	2,271	2,429	17,744
Florida	3,973	4,240	4,551	5,257	5,528	47,973
Georgia	2,443	3,362	6,576	6,486	10,029	59,334
Hawaii	145	150	154	151	154	1,771
Idaho	748	1,193	1,594	2,240	2,318	13,451
Illinois	7,787	12,159	26,168	30,068	34,511	201,835
Indiana	NA	5,485	NA	NA	NA	90,427
Iowa	1,811	3,538	6,633	7,762	8,891	45,597
Kansas	1,491	3,107	5,747	6,595	8,195	39,650
Kentucky	1,402	2,360	4,906	5,480	7,947	38,670
Louisiana	1,653	1,860	3,048	3,277	4,200	25,673
Maine	107	194	358	408	481	2,770
Maryland	3,491	5,080	7,309	7,380	9,805	55,748
Massachusetts	3,908	6,724	8,588	8,839	9,648	63,798
Michigan	8,669	16,610	25,979	27,509	32,095	186,084
Minnesota	4,156	7,444	13,019	15,176	16,275	94,536
Mississippi	1,175	1,579	2,486	3,000	4,257	21,379
Missouri	2,705	5,395	9,201	10,942	13,945	62,856
Montana	767	1,254	965	2,796	2,261	13,538
Nebraska	1,508	2,814	4,218	4,666	3,782	28,462
Nevada	1,553	1,970	2,549	2,817	2,853	25,637
New Hampshire	510	990	1,201	1,405	1,187	8,323
New Jersey	7,525	13,566	19,385	21,369	24,431	158,544
New Mexico	1,420	2,600	2,510	3,989	4,021	27,609
New York	21,554	22,978	31,065	34,539	37,415	410,454
North Carolina	2,047	3,190	4,630	5,346	7,680	43,105
North Dakota	400	810	1,078	1,791	1,780	10,795
Ohio	7,509	14,670	24,756	29,422	33,647	178,024
Oklahoma	2,010	3,670	6,105	6,810	9,146	43,347
Oregon	2,032	2,755	3,470	3,967	4,288	28,643
Pennsylvania	6,681	12,504	20,029	20,575	25,012	145,364
Rhode Island	743	1,382	1,882	1,930	2,149	12,998
South Carolina	1,317	1,834	2,195	2,542	3,589	22,107
South Dakota	410	802	1,404	1,676	1,512	10,120
Tennessee	2,173	4,400	6,121	7,729	11,835	53,202
Texas	^R 12,079	^R 14,415	^R 19,512	^R 21,878	^R 29,512	185,828
Utah	1,385	2,538	3,315	4,551	5,556	31,426
Vermont	136	276	356	374	447	2,595
Virginia	3,035	4,711	7,199	7,950	10,207	66,161
Washington	3,863	4,948	5,683	6,745	7,049	50,573
West Virginia	1,241	2,637	^R 2,889	3,379	4,169	26,168
Wisconsin	3,161	5,576	12,678	12,640	13,749	81,146
Wyoming	469	863	1,212	1,378	1,608	9,767
Total	^R166,022	^R257,155	^R376,183	^R423,884	^R499,786	3,225,955

^R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual

total but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002
(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				July	June	May
Alabama	96,698	92,966	115,540	12,904	13,345	13,725
Alaska	NA	42,586	42,990	7,470	NA	6,278
Arizona	NA	16,476	14,410	NA	1,569	1,616
Arkansas	NA	70,896	78,883	NA	8,716	9,219
California	592,957	791,877	708,778	113,919	91,838	72,827
Colorado	NA	54,759	52,482	NA	NA	NA
Connecticut	NA	15,284	20,438	2,467	2,275	2,420
Delaware	NA	14,981	20,519	1,572	1,204	1,269
District of Columbia	0	0	0	0	0	0
Florida	77,445	73,377	85,276	10,363	9,872	10,941
Georgia	85,775	85,147	105,079	12,564	11,851	12,737
Hawaii	290	326	318	47	36	43
Idaho ^a	NA	18,742	19,343	NA	2,065	2,299
Illinois	NA	181,123	197,119	NA	25,832	24,665
Indiana	157,893	NA	185,121	21,666	18,870	19,931
Iowa	51,906	NA	58,226	5,980	5,983	7,383
Kansas	54,803	54,946	62,835	9,165	7,470	7,748
Kentucky	55,676	56,042	60,924	7,046	7,231	8,082
Louisiana	NA	602,968	478,638	73,673	NA	86,511
Maine	NA	1,095	2,040	NA	NA	NA
Maryland	NA	19,896	26,412	3,267	NA	2,583
Massachusetts	NA	83,998	91,019	NA	8,028	9,287
Michigan	173,310	178,572	187,307	22,530	22,398	22,373
Minnesota	49,323	49,859	61,436	6,490	6,513	6,714
Mississippi	NA	56,502	67,549	NA	7,763	7,904
Missouri	39,842	41,951	41,955	4,511	4,525	5,698
Montana	12,696	12,702	14,450	1,311	1,508	1,622
Nebraska	21,414	22,565	27,151	5,505	1,829	2,752
Nevada	45,880	25,287	23,468	7,324	6,717	5,314
New Hampshire	NA	2,157	2,903	NA	321	312
New Jersey	106,174	105,547	127,587	15,097	14,551	13,471
New Mexico	NA	23,905	14,627	1,521	NA	1,466
New York	NA	173,971	198,417	17,590	19,281	19,393
North Carolina	56,624	48,087	65,101	7,016	7,220	8,029
North Dakota	8,258	10,975	8,549	1,001	1,403	1,130
Ohio	160,120	174,612	199,602	21,046	21,095	22,775
Oklahoma	NA	83,335	105,109	9,270	NA	8,949
Oregon	50,564	57,202	64,103	5,862	5,434	6,685
Pennsylvania	124,192	125,058	150,575	14,980	15,369	16,382
Rhode Island	31,284	30,777	29,874	4,813	3,853	4,186
South Carolina	57,494	42,013	60,206	7,690	8,170	8,163
South Dakota	2,541	2,638	3,175	419	341	264
Tennessee	NA	77,708	73,993	8,585	NA	8,752
Texas	1,189,723	1,208,473	1,224,469	197,675	171,890	171,429
Utah	NA	20,705	23,067	NA	NA	2,192
Vermont	1,803	1,454	2,255	184	192	224
Virginia	50,700	41,314	61,282	10,387	7,429	7,297
Washington	NA	79,956	71,039	NA	NA	6,708
West Virginia	NA	23,251	27,203	1,068	1,264	1,473
Wisconsin	86,894	90,714	94,103	9,168	8,811	11,101
Wyoming	NA	17,193	23,399	2,549	2,594	3,039
Total	5,034,128	5,318,965	5,480,342	763,274	678,806	687,320

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002				2001	
	April	March	February	January	Total	December
Alabama	13,707	14,511	14,121	14,385	156,131	12,880
Alaska	5,188	5,085	5,757	6,235	72,352	5,757
Arizona	1,618	1,752	1,804	1,949	25,912	2,138
Arkansas	9,431	10,569	9,546	9,333	125,489	11,819
California	69,617	84,892	74,271	85,592	1,325,103	98,074
Colorado	NA	NA	NA	NA	83,340	6,153
Connecticut	NA	NA	2,202	3,132	24,757	1,602
Delaware	NA	NA	1,916	2,266	25,769	2,106
District of Columbia	0	0	0	0	0	0
Florida	12,642	11,519	10,653	11,457	127,590	10,286
Georgia	12,076	12,880	11,711	11,957	147,860	11,565
Hawaii	42	39	40	42	532	42
Idaho ^a	2,377	2,561	2,553	2,765	30,363	2,539
Illinois	28,850	30,251	27,460	27,067	296,647	^R 23,929
Indiana	22,415	24,920	24,365	25,727	NA	23,373
Iowa	7,883	8,183	7,896	8,599	NA	NA
Kansas	6,855	8,086	7,503	^R 7,978	95,009	7,414
Kentucky	7,401	8,487	8,622	8,808	93,411	8,611
Louisiana	^R 76,466	^R 83,591	90,947	98,617	1,090,032	99,671
Maine	47	28	0	1	2,414	332
Maryland	3,534	3,901	3,605	NA	NA	NA
Massachusetts	7,257	12,909	8,062	11,950	NA	NA
Michigan	25,545	25,610	27,215	27,638	292,033	26,295
Minnesota	7,590	7,427	7,021	7,568	87,449	7,574
Mississippi	7,893	8,849	7,921	8,402	NA	7,984
Missouri	5,724	7,033	5,870	6,480	69,243	7,387
Montana	2,229	1,881	2,074	2,071	20,884	1,969
Nebraska	2,687	2,280	3,117	3,244	39,200	3,079
Nevada	4,889	7,404	7,311	6,922	49,174	4,184
New Hampshire	293	350	267	309	3,681	395
New Jersey	15,889	16,102	15,497	15,567	189,987	15,291
New Mexico	^R 1,766	^R 1,793	^R 1,777	^R 1,951	34,676	2,363
New York	NA	23,648	23,697	25,206	299,289	22,952
North Carolina	7,792	8,953	8,759	8,856	88,705	8,442
North Dakota	1,071	1,119	1,117	1,417	17,788	1,122
Ohio	21,917	23,935	24,122	25,231	285,933	28,054
Oklahoma	8,840	NA	11,107	9,970	122,795	8,183
Oregon	7,599	8,509	8,691	7,783	96,160	8,257
Pennsylvania	17,224	19,674	18,795	21,767	216,124	19,828
Rhode Island	3,809	4,075	4,646	5,901	59,140	6,000
South Carolina	8,004	8,558	8,373	8,535	79,366	7,761
South Dakota	341	486	318	372	^R 4,234	^R 369
Tennessee	9,376	9,345	11,755	11,223	134,764	12,127
Texas	^R 178,076	^R 158,682	^R 149,315	^R 162,656	^R 2,002,798	^R 159,482
Utah	2,023	2,353	2,450	2,655	33,858	2,423
Vermont	240	311	317	335	2,659	316
Virginia	7,371	5,208	6,429	6,581	NA	9,776
Washington	6,827	9,677	NA	9,058	NA	8,157
West Virginia	1,489	1,565	1,498	NA	^R 40,633	3,498
Wisconsin	12,554	15,417	14,101	15,743	148,926	13,889
Wyoming	NA	1,943	2,722	3,058	30,142	2,872
Total	^R 696,083	^R 735,577	^R 710,751	^R 762,318	^R 9,016,067	^R 748,592

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002
(Million Cubic Feet) — Continued

State	2001					
	November	October	September	August	July	June
Alabama	11,497	13,702	12,479	12,607	12,248	12,386
Alaska	5,339	5,720	6,144	6,807	6,637	5,235
Arizona	1,814	1,676	1,825	1,984	2,804	2,266
Arkansas	11,448	12,074	9,810	9,442	9,023	9,010
California	88,425	103,404	116,352	126,970	117,280	113,462
Colorado	6,567	5,018	4,801	6,041	5,400	8,162
Connecticut	2,042	2,107	1,837	1,885	2,365	2,111
Delaware	2,317	2,529	1,999	1,838	1,865	1,839
District of Columbia	0	0	0	0	0	0
Florida	11,437	10,498	11,215	10,777	11,725	10,326
Georgia	11,656	13,489	12,719	13,285	12,134	11,733
Hawaii	37	41	39	47	50	46
Idaho ^a	2,462	2,377	2,135	2,109	2,431	2,428
Illinois	24,037	25,415	18,871	23,273	24,006	20,129
Indiana	21,048	21,265	NA	20,496	NA	19,065
Iowa	8,271	7,856	7,091	7,311	NA	6,987
Kansas	7,277	6,766	8,638	9,968	8,833	6,545
Kentucky	8,039	7,233	6,978	6,507	6,648	6,391
Louisiana	96,739	100,335	94,269	96,050	86,068	78,110
Maine	261	308	210	208	186	195
Maryland	3,081	NA	2,932	4,174	3,179	3,115
Massachusetts	10,883	11,256	10,391	12,636	10,817	10,866
Michigan	25,389	22,066	19,333	20,378	20,990	21,823
Minnesota	7,868	7,598	7,652	6,898	5,898	5,750
Mississippi	NA	6,995	7,692	7,464	7,299	7,475
Missouri	5,448	5,059	4,406	4,993	4,870	4,496
Montana	2,086	1,555	1,239	1,334	1,494	1,227
Nebraska	3,909	2,532	3,375	3,739	5,233	2,615
Nevada	4,115	5,412	4,761	5,416	4,251	3,878
New Hampshire	354	321	253	201	266	277
New Jersey	17,125	16,676	17,330	18,019	17,198	15,245
New Mexico	2,436	1,905	1,972	2,095	6,145	3,297
New York	21,148	25,108	25,898	30,211	26,569	27,432
North Carolina	7,954	8,989	7,394	7,839	6,997	7,026
North Dakota	1,070	1,463	1,361	1,797	815	2,014
Ohio	23,139	22,320	19,690	18,118	19,353	19,767
Oklahoma	7,796	8,660	7,338	7,483	10,603	10,182
Oregon	7,852	8,289	7,469	7,091	7,472	7,633
Pennsylvania	18,003	17,709	18,151	17,375	15,310	14,559
Rhode Island	4,522	5,999	5,777	6,065	5,269	4,852
South Carolina	7,229	8,408	6,827	7,129	6,652	6,245
South Dakota	^R 345	^R 332	^R 289	^R 261	^R 261	^R 255
Tennessee	11,657	13,539	9,259	10,472	9,870	10,227
Texas	^R 160,435	^R 160,949	^R 153,616	^R 159,843	^R 165,946	^R 153,176
Utah	2,588	3,045	2,730	2,367	2,640	2,866
Vermont	266	240	202	181	165	176
Virginia	NA	NA	8,702	9,294	8,016	4,659
Washington	9,297	NA	10,194	11,258	12,199	10,633
West Virginia	4,599	2,609	3,606	3,070	3,290	2,975
Wisconsin	12,256	12,491	9,914	9,662	9,058	9,000
Wyoming	2,629	2,671	2,403	2,374	2,286	2,398
Total	^R 725,463	^R 747,069	^R 719,135	^R 756,842	^R 736,289	^R 692,563

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					2000
	May	April	March	February	January	Total
Alabama	13,066	13,203	14,748	13,289	14,026	191,010
Alaska	5,728	6,151	6,487	5,805	6,543	72,694
Arizona	2,379	2,002	2,267	2,460	2,298	25,052
Arkansas	10,221	10,471	11,428	9,777	10,966	132,834
California	114,391	110,102	109,447	108,390	118,805	1,350,795
Colorado	6,786	8,626	8,042	8,039	9,703	90,233
Connecticut	2,302	2,065	2,199	2,053	2,189	33,598
Delaware	1,579	2,205	2,354	2,588	2,551	33,103
District of Columbia	0	0	0	0	0	0
Florida	10,925	10,437	10,251	9,233	10,481	139,597
Georgia	12,021	13,820	13,094	11,511	10,835	173,277
Hawaii	46	47	44	43	51	536
Idaho ^a	2,517	2,661	2,777	2,826	3,101	32,464
Illinois	24,389	23,815	29,170	29,292	30,323	335,154
Indiana	19,635	20,256	25,296	24,195	27,925	312,222
Iowa	7,912	8,120	9,066	8,810	9,554	100,368
Kansas	5,682	7,543	8,424	8,460	9,461	108,903
Kentucky	6,533	9,833	7,311	8,595	10,733	100,803
Louisiana	83,255	86,938	93,526	86,175	88,896	899,418
Maine	167	51	76	314	107	3,927
Maryland	2,475	2,627	2,958	2,627	2,916	46,220
Massachusetts	12,359	11,603	11,651	13,239	13,462	151,845
Michigan	22,132	26,777	29,494	27,728	29,628	297,963
Minnesota	5,771	7,290	8,357	8,061	8,734	103,952
Mississippi	7,919	7,940	9,236	6,432	10,201	111,764
Missouri	4,620	5,627	5,699	7,933	8,705	69,186
Montana	1,228	1,867	2,220	2,222	2,444	23,841
Nebraska	2,590	3,156	2,770	2,967	3,235	45,958
Nevada	2,622	2,322	3,628	4,466	4,120	46,573
New Hampshire	397	163	378	336	340	4,453
New Jersey	14,195	15,781	15,033	13,187	14,908	195,301
New Mexico	3,553	3,296	2,625	2,536	2,454	26,086
New York	23,428	24,619	24,461	23,790	23,673	338,202
North Carolina	6,697	6,704	7,491	6,309	6,863	105,416
North Dakota	1,855	2,198	1,231	1,553	1,310	14,795
Ohio	20,690	23,206	28,172	28,382	35,041	332,135
Oklahoma	12,669	12,464	12,596	14,486	10,335	163,919
Oregon	7,637	8,199	8,910	9,919	7,431	104,078
Pennsylvania	16,638	17,920	20,217	19,879	20,536	248,652
Rhode Island	5,197	3,625	5,389	2,954	3,491	46,393
South Carolina	6,103	6,097	6,657	5,548	4,712	97,682
South Dakota	^R 331	^R 372	^R 451	^R 453	^R 515	6,400
Tennessee	10,118	12,554	11,605	11,208	12,126	129,548
Texas	^R 170,359	^R 177,893	^R 191,134	^R 170,055	^R 179,910	2,165,454
Utah	2,965	3,001	2,766	3,278	3,190	39,378
Vermont	207	242	309	183	172	3,949
Virginia	5,793	4,896	4,756	6,321	6,874	100,530
Washington	11,763	11,415	11,824	11,331	10,791	116,233
West Virginia	3,132	3,335	^R 3,313	3,457	3,749	44,421
Wisconsin	9,418	11,397	19,281	16,412	16,149	159,842
Wyoming	2,339	2,155	2,485	2,461	3,068	35,409
Total	^R 726,730	^R 759,085	^R 813,101	^R 771,566	^R 819,633	9,511,565

^a Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

^R Revised Data.

^{NA} Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 18. Natural Gas Deliveries to Electric Utility^a Consumers, by State, 2000-2002
(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				July	June	May
Alabama	NA	32,206	17,984	NA	^R 7,762	6,491
Alaska	NA	18,652	20,082	NA	^R 2,508	2,378
Arizona	NA	72,863	40,893	NA	^R 6,415	4,640
Arkansas	NA	12,720	23,731	NA	^R 3,086	1,323
California	NA	75,696	68,181	NA	^R 6,281	5,125
Colorado	NA	26,920	16,015	NA	^R 3,988	3,408
Connecticut	NA	0	0	NA	^R 0	0
Delaware	NA	86	4,286	NA	^R 21	6
District of Columbia	NA	0	0	NA	^R 0	0
Florida	NA	160,406	200,628	NA	^R 45,268	39,757
Georgia	NA	6,436	13,636	NA	^R 1,810	1,565
Hawaii	NA	0	0	NA	^R 0	0
Idaho	NA	0	0	NA	^R 70	18
Illinois	NA	2,103	1,568	NA	^R 106	82
Indiana	NA	3,535	2,678	NA	^R 1,507	499
Iowa	NA	3,265	2,514	NA	^R 742	481
Kansas	NA	13,612	17,123	NA	^R 2,916	833
Kentucky	NA	2,013	2,403	NA	^R 1,260	319
Louisiana	NA	130,139	168,328	NA	^R 25,714	22,297
Maine	NA	0	0	NA	^R 0	0
Maryland	NA	2	12,761	NA	^R 3	0
Massachusetts	NA	685	2,039	NA	^R 107	189
Michigan	NA	15,634	25,063	NA	^R 3,043	1,854
Minnesota	NA	2,954	2,798	NA	^R 788	234
Mississippi	NA	55,943	58,977	NA	^R 16,205	14,460
Missouri	NA	15,738	15,411	NA	^R 2,200	1,531
Montana	NA	94	98	NA	^R 32	7
Nebraska	NA	2,675	2,357	NA	^R 624	277
Nevada	NA	44,668	39,638	NA	^R 5,683	4,881
New Hampshire	NA	1	783	NA	^R 108	39
New Jersey	NA	644	14,119	NA	^R 93	72
New Mexico	NA	24,566	24,378	NA	^R 2,959	2,501
New York	NA	38,958	66,033	NA	^R 10,770	7,240
North Carolina	NA	4,840	6,152	NA	^R 2,886	1,292
North Dakota	NA	2	0	NA	^R 0	0
Ohio	NA	3,517	4,356	NA	^R 1,702	460
Oklahoma	NA	89,586	94,225	NA	^R 15,455	11,773
Oregon	NA	27,412	18,832	NA	^R 0	388
Pennsylvania	NA	6	1,907	NA	^R 1	1
Rhode Island	NA	0	0	NA	^R 0	0
South Carolina	NA	820	1,988	NA	^R 3,560	3,946
South Dakota	NA	3,481	1,378	NA	^R 182	58
Tennessee	NA	47	1,572	NA	^R 0	0
Texas	NA	586,633	735,044	NA	^R 47,716	36,609
Utah	NA	10,589	5,142	NA	^R 701	935
Vermont	NA	103	491	NA	^R 3	3
Virginia	NA	5,426	12,100	NA	^R 2,403	920
Washington	NA	36,138	12,961	NA	^R 327	338
West Virginia	NA	19	206	NA	^R 3	1
Wisconsin	NA	7,020	7,050	NA	^R 1,375	713
Wyoming	NA	1,761	657	NA	^R 132	88
Total	NA	1,540,612	1,768,563	NA	^R228,513	180,028

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility^a Consumers, by State, 2000-2002
(Million Cubic Feet) — Continued

State	2002				2001	
	April	March	February	January	Total	December
Alabama	7,190	7,003	7,985	9,046	66,179	5,234
Alaska	2,540	2,652	2,326	2,742	32,591	3,187
Arizona	3,037	4,002	2,193	2,065	102,515	3,823
Arkansas	1,472	766	728	495	21,005	409
California	5,583	8,955	5,897	6,582	120,098	6,372
Colorado	3,654	3,875	2,429	3,145	45,984	3,583
Connecticut	0	0	0	0	0	0
Delaware	5	5	6	6	480	21
District of Columbia	0	0	0	0	0	0
Florida	35,551	31,082	24,119	30,791	327,939	30,657
Georgia	1,380	344	360	187	12,255	65
Hawaii	0	0	0	0	0	0
Idaho	0	0	30	23	0	0
Illinois	153	721	697	294	5,102	692
Indiana	803	1,115	925	1,002	6,359	432
Iowa	502	575	296	379	5,754	276
Kansas	1,023	1,524	755	429	23,269	787
Kentucky	463	424	390	179	4,138	277
Louisiana	22,083	19,038	15,226	14,488	226,659	10,113
Maine	0	0	0	0	0	0
Maryland	1	0	0	0	4	0
Massachusetts	22	169	49	126	2,245	175
Michigan	1,957	2,053	2,414	1,472	33,525	2,194
Minnesota	164	285	130	188	5,144	128
Mississippi	14,109	14,479	15,085	14,816	126,093	9,531
Missouri	2,015	2,762	2,095	2,703	30,353	1,842
Montana	0	1	0	1	146	0
Nebraska	264	87	80	210	4,290	249
Nevada	3,877	4,515	3,760	4,092	68,997	5,303
New Hampshire	11	1	12	18	525	29
New Jersey	149	36	26	25	1,224	14
New Mexico	2,495	2,262	1,866	1,242	38,364	1,201
New York	6,076	6,774	7,157	6,901	93,569	9,065
North Carolina	967	208	354	46	11,075	159
North Dakota	0	0	0	0	3	0
Ohio	811	392	522	104	5,127	37
Oklahoma	12,956	9,889	12,017	7,661	160,871	9,148
Oregon	461	2,358	1,416	3,277	45,013	2,762
Pennsylvania	1	1	1	1	11	0
Rhode Island	0	0	0	0	0	0
South Carolina	2,267	719	1,418	2,470	2,310	51
South Dakota	62	61	145	18	4,502	67
Tennessee	18	124	0	0	47	0
Texas	31,252	27,381	21,110	26,160	957,688	41,482
Utah	890	821	560	536	15,155	706
Vermont	2	2	3	4	116	3
Virginia	1,159	526	789	1,837	17,728	1,413
Washington	518	1,957	967	928	47,031	1,143
West Virginia	3	3	3	3	33	2
Wisconsin	1,177	720	778	510	12,041	423
Wyoming	141	194	157	156	2,729	223
Total	169,266	160,864	137,277	147,359	2,686,287	153,279

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility^a Consumers, by State, 2000-2002
(Million Cubic Feet) — Continued

State	2001					
	November	October	September	August	July	June
Alabama	6,723	6,818	6,753	8,444	7,979	6,636
Alaska	2,947	2,840	2,370	2,596	2,489	2,435
Arizona	2,972	6,192	7,147	9,518	10,790	10,314
Arkansas	1,167	1,536	1,629	3,544	3,794	1,425
California	6,558	9,419	9,924	12,130	10,244	9,875
Colorado	2,859	4,461	3,933	4,228	4,727	4,218
Connecticut	0	0	0	0	0	0
Delaware	38	21	232	81	38	21
District of Columbia	0	0	0	0	0	0
Florida	24,882	36,657	38,094	37,241	36,276	31,410
Georgia	33	771	1,845	3,105	2,739	1,258
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	557	449	254	1,048	1,161	378
Indiana	526	106	270	1,490	749	629
Iowa	246	259	455	1,254	1,129	488
Kansas	1,045	1,203	1,576	5,046	7,110	1,911
Kentucky	153	238	404	1,054	842	351
Louisiana	9,230	18,076	24,034	35,066	30,160	19,968
Maine	0	0	0	0	0	0
Maryland	0	0	0	1	1	0
Massachusetts	65	330	444	545	196	123
Michigan	2,719	4,296	2,577	6,106	5,291	2,788
Minnesota	176	191	218	1,477	1,274	434
Mississippi	9,174	14,187	19,208	18,050	17,767	9,677
Missouri	1,823	1,972	2,808	6,170	6,100	2,743
Montana	1	1	3	46	61	19
Nebraska	244	247	181	695	1,189	420
Nevada	4,300	4,813	4,150	5,764	5,622	5,582
New Hampshire	0	291	185	20	0	0
New Jersey	6	24	67	470	167	252
New Mexico	2,196	2,901	3,244	4,255	4,913	4,223
New York	8,291	11,426	11,188	14,641	12,042	9,024
North Carolina	130	604	727	4,615	2,628	1,481
North Dakota	0	0	0	0	0	0
Ohio	90	78	175	1,230	1,235	572
Oklahoma	9,482	12,442	16,554	23,660	27,095	15,593
Oregon	3,211	3,831	3,559	4,238	4,237	4,261
Pennsylvania	1	1	1	2	2	1
Rhode Island	0	0	0	0	0	0
South Carolina	52	801	62	524	357	280
South Dakota	24	58	206	665	717	456
Tennessee	0	0	0	0	22	23
Texas	44,887	70,733	82,816	131,137	134,422	103,978
Utah	537	800	1,263	1,260	1,246	1,509
Vermont	3	3	2	2	3	3
Virginia	2,035	2,281	3,043	3,531	2,525	1,760
Washington	1,149	2,345	2,503	3,753	5,383	3,717
West Virginia	2	2	2	7	6	4
Wisconsin	543	775	958	2,323	1,844	942
Wyoming	192	195	173	186	228	162
Total	151,268	224,674	255,236	361,218	356,801	261,345

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility^a Consumers, by State, 2000-2002
(Million Cubic Feet) — Continued

State	2001					2000
	May	April	March	February	January	Total
Alabama	4,762	3,422	3,725	1,901	3,781	36,344
Alaska	2,269	2,441	2,973	2,860	3,185	35,570
Arizona	13,186	11,412	10,393	9,900	6,869	92,019
Arkansas	1,753	2,515	1,166	394	1,672	34,603
California	10,913	11,289	10,550	10,541	12,283	129,449
Colorado	3,892	3,972	4,282	3,131	2,698	32,148
Connecticut	0	0	0	0	0	0
Delaware	5	5	5	6	7	4,337
District of Columbia	0	0	0	0	0	0
Florida	25,674	23,026	18,296	11,989	13,735	316,486
Georgia	1,152	1,138	91	36	22	21,447
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	268	64	70	80	83	2,764
Indiana	141	412	188	942	474	7,754
Iowa	551	366	327	176	228	4,735
Kansas	1,488	927	937	601	637	33,509
Kentucky	307	206	195	51	61	4,073
Louisiana	19,894	20,528	13,277	11,965	14,347	292,002
Maine	0	0	0	0	0	0
Maryland	0	0	0	0	0	20,665
Massachusetts	223	56	71	8	9	3,190
Michigan	1,064	641	1,748	1,577	2,526	43,548
Minnesota	408	275	248	129	187	5,411
Mississippi	9,767	9,129	3,864	1,890	3,849	89,110
Missouri	2,176	2,183	1,406	653	476	30,480
Montana	7	1	4	0	1	192
Nebraska	308	315	280	102	62	5,508
Nevada	6,808	5,672	7,718	5,820	7,445	80,037
New Hampshire	0	0	0	0	0	783
New Jersey	86	62	56	21	0	16,952
New Mexico	4,027	4,041	3,344	2,477	1,540	38,080
New York	5,219	4,271	3,065	2,931	2,406	95,812
North Carolina	459	222	39	0	11	9,579
North Dakota	1	0	0	0	0	0
Ohio	789	412	332	99	78	6,791
Oklahoma	11,813	10,450	9,559	6,314	8,763	169,031
Oregon	3,457	3,342	3,438	5,127	3,552	41,500
Pennsylvania	1	0	0	0	0	2,955
Rhode Island	0	0	0	0	0	0
South Carolina	95	47	10	8	23	2,814
South Dakota	658	637	603	305	105	3,607
Tennessee	0	0	2	0	0	1,829
Texas	93,594	80,018	61,577	52,839	60,205	1,245,008
Utah	1,670	1,656	1,536	1,549	1,422	10,544
Vermont	54	2	6	3	31	1,023
Virginia	645	332	79	22	62	15,923
Washington	5,807	5,803	5,694	5,636	4,099	41,173
West Virginia	4	1	1	1	1	425
Wisconsin	757	581	1,019	1,303	573	12,043
Wyoming	256	385	270	230	229	1,843
Total	236,407	212,257	172,448	143,619	157,736	3,043,094

^a Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

^R Revised Data.

^{NA} Not Available.

Notes: July 2002 data not available in time for publication. See box on page one for more information. Geographic coverage is the 50 States and the District of Columbia.

Source: Form EIA-759, "Monthly Power Plant Report."

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002
(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				July	June	May
Alabama	NA	179,730	180,120	NA	^R 23,669	23,175
Alaska	NA	80,157	87,515	NA	NA	NA
Arizona	NA	135,717	98,882	NA	^R 11,521	10,372
Arkansas	NA	129,594	144,012	NA	NA	NA
California	NA	1,351,975	1,239,291	NA	^R 142,269	133,050
Colorado	NA	218,515	180,476	NA	NA	NA
Connecticut	NA	72,122	77,471	NA	NA	NA
Delaware	NA	26,810	35,149	NA	^R 1,716	2,099
District of Columbia	NA	22,586	22,144	NA	^R 1,143	^R 1,528
Florida	NA	275,706	324,945	NA	^R 59,925	55,618
Georgia	NA	206,496	229,116	NA	^R 19,511	21,756
Hawaii	NA	1,703	1,689	NA	^R 224	^R 226
Idaho	NA	40,985	39,630	NA	^R 3,393	4,424
Illinois	NA	588,156	583,374	NA	^R 45,314	59,427
Indiana	NA	NA	339,437	NA	^R 27,265	32,823
Iowa	NA	NA	131,635	NA	^R 10,109	13,470
Kansas	NA	149,675	149,746	NA	^R 13,701	13,295
Kentucky	NA	118,675	121,434	NA	^R 10,630	11,916
Louisiana	NA	784,781	693,039	NA	NA	NA
Maine	NA	3,404	4,452	NA	NA	NA
Maryland	NA	114,511	127,271	NA	NA	8,843
Massachusetts	NA	210,999	212,136	NA	^R 17,442	21,956
Michigan	NA	563,921	567,147	NA	^R 46,555	58,736
Minnesota	NA	198,946	196,016	NA	^R 14,198	20,932
Mississippi	NA	147,711	156,428	NA	^R 26,048	24,405
Missouri	NA	191,038	171,357	NA	^R 12,091	16,455
Montana	NA	34,968	34,712	NA	^R 2,909	4,017
Nebraska	NA	77,275	74,973	NA	^R 4,877	6,539
Nevada	NA	105,548	96,995	NA	^R 15,069	13,522
New Hampshire	NA	12,824	14,160	NA	NA	1,448
New Jersey	NA	351,174	381,184	NA	^R 27,416	34,371
New Mexico	NA	84,661	75,656	NA	NA	6,859
New York	NA	676,329	778,179	NA	^R 67,849	74,710
North Carolina	NA	120,785	139,034	NA	^R 13,183	12,994
North Dakota	NA	24,079	21,902	NA	^R 1,937	2,428
Ohio	NA	522,034	527,551	NA	^R 38,018	49,397
Oklahoma	NA	253,654	267,307	NA	NA	^R 25,225
Oregon	NA	130,063	127,170	NA	^R 8,477	11,891
Pennsylvania	NA	393,237	410,912	NA	^R 28,557	37,198
Rhode Island	NA	53,435	51,732	NA	^R 5,162	^R 6,279
South Carolina	NA	77,003	94,741	NA	^R 13,613	14,226
South Dakota	NA	20,800	18,164	NA	^R 1,159	1,634
Tennessee	NA	163,364	152,461	NA	NA	^R 13,438
Texas	NA	2,067,942	2,189,114	NA	^R 236,859	226,333
Utah	NA	83,586	75,652	NA	NA	7,031
Vermont	NA	5,362	6,505	NA	^R 422	569
Virginia	NA	137,121	162,947	NA	^R 14,573	14,587
Washington	NA	197,436	163,336	NA	NA	16,351
West Virginia	NA	62,582	65,337	NA	^R 4,963	6,836
Wisconsin	NA	238,142	226,703	NA	^R 16,242	24,180
Wyoming	NA	32,335	37,425	NA	^R 3,598	4,572
Total	NA	12,193,891	12,307,765	NA	^R1,227,765	^R1,318,706

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002				2001	
	April	March	February	January	Total	December
Alabama	26,112	31,773	33,276	36,326	296,198	24,746
Alaska	10,869	11,753	11,862	13,073	140,070	14,260
Arizona	10,112	13,767	14,761	16,062	196,150	14,695
Arkansas	NA	22,327	25,235	NA	217,561	21,968
California	138,889	174,542	168,875	200,021	2,200,654	193,603
Colorado	NA	NA	NA	NA	321,426	36,012
Connecticut	NA	NA	NA	14,793	107,298	10,879
Delaware	NA	NA	4,199	5,008	41,846	3,531
District of Columbia	2,045	^R 3,678	^R 4,192	4,776	30,954	2,867
Florida	53,923	49,729	41,448	50,063	521,198	46,478
Georgia	22,199	32,748	38,739	42,813	335,170	35,212
Hawaii	234	^R 225	^R 226	236	2,818	225
Idaho	5,559	^R 7,449	8,519	8,682	63,101	7,291
Illinois	90,799	123,508	118,380	130,428	918,503	^R 113,968
Indiana	44,318	58,684	58,387	66,310	NA	51,926
Iowa	18,779	25,661	24,842	28,395	NA	NA
Kansas	17,416	25,573	25,088	^R 28,373	227,755	20,872
Kentucky	14,130	22,554	23,925	24,591	189,881	23,000
Louisiana	^R 109,756	NA	NA	125,809	NA	NA
Maine	NA	^R 842	^R 839	877	NA	793
Maryland	12,733	21,254	^R 23,560	NA	NA	NA
Massachusetts	24,677	36,234	34,862	39,288	NA	NA
Michigan	81,251	98,236	103,718	113,845	853,359	89,562
Minnesota	28,005	NA	35,140	41,268	310,099	37,550
Mississippi	25,841	30,073	29,750	32,308	NA	22,278
Missouri	24,083	35,528	36,507	41,147	280,152	29,890
Montana	5,757	7,165	6,771	7,646	54,443	6,685
Nebraska	10,237	12,635	13,746	15,767	115,778	10,702
Nevada	12,969	18,374	19,502	19,911	173,605	18,171
New Hampshire	NA	2,480	2,628	2,646	19,006	2,111
New Jersey	45,879	57,641	64,697	70,583	536,276	53,463
New Mexico	^R 9,303	^R 12,417	^R 13,759	^R 12,975	130,277	13,405
New York	NA	113,876	117,118	121,907	1,106,112	110,899
North Carolina	^R 15,726	21,809	24,269	27,101	195,584	19,056
North Dakota	3,079	NA	3,946	5,001	39,016	4,474
Ohio	66,266	92,045	95,653	101,680	777,029	85,849
Oklahoma	32,122	NA	41,215	NA	391,508	29,205
Oregon	14,553	19,573	20,172	22,394	207,598	19,644
Pennsylvania	52,929	69,327	71,649	^R 81,994	593,814	62,593
Rhode Island	6,818	NA	NA	NA	89,882	8,832
South Carolina	13,779	16,000	17,162	19,946	129,231	12,196
South Dakota	2,602	3,902	3,497	3,932	^R 30,740	3,610
Tennessee	19,066	27,253	^R 31,302	35,352	251,529	24,903
Texas	^R 239,584	^R 238,887	^R 216,016	^R 255,315	^R 3,367,032	^R 253,385
Utah	8,396	15,104	17,561	19,568	135,549	18,560
Vermont	804	954	1,143	1,120	7,967	830
Virginia	17,126	22,782	26,470	30,922	NA	25,064
Washington	^R 20,434	^R 28,089	NA	^R 29,493	NA	34,515
West Virginia	8,406	11,549	11,252	NA	^R 102,402	12,310
Wisconsin	31,682	47,965	43,245	49,193	370,102	43,327
Wyoming	NA	NA	5,312	7,740	53,129	5,544
Total	^R1,556,162	^R1,938,267	^R1,946,312	^R2,164,444	^R19,554,425	^R1,865,650

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	November	October	September	August	July	June
Alabama	23,022	23,856	21,540	23,303	22,455	21,512
Alaska	12,618	11,908	10,329	10,797	10,459	9,153
Arizona	8,752	10,903	11,830	14,253	16,430	15,818
Arkansas	19,086	17,295	14,092	15,526	15,048	12,834
California	152,713	160,040	163,699	178,624	167,047	161,914
Colorado	22,630	16,157	13,582	14,530	15,422	19,762
Connecticut	8,541	6,490	4,426	4,841	4,800	5,791
Delaware	3,417	3,209	2,621	2,258	2,319	2,376
District of Columbia	2,174	1,272	1,113	941	1,253	1,293
Florida	41,477	51,667	53,675	52,195	52,191	46,159
Georgia	24,615	25,975	20,736	22,137	20,665	18,984
Hawaii	217	220	226	227	242	244
Idaho	5,191	3,746	3,043	2,845	3,292	3,530
Illinois	73,278	64,269	39,194	39,639	41,254	38,168
Indiana	39,271	34,344	NA	NA	NA	NA
Iowa	16,854	14,519	10,745	10,875	NA	10,829
Kansas	14,450	11,597	13,156	18,004	19,056	11,481
Kentucky	16,108	12,416	9,901	9,782	9,544	8,632
Louisiana	NA	NA	NA	134,155	119,536	101,262
Maine	NA	502	326	302	278	282
Maryland	14,482	NA	7,924	8,580	7,623	8,069
Massachusetts	22,597	19,373	16,478	17,869	15,934	17,171
Michigan	70,403	54,966	36,562	37,945	38,583	41,457
Minnesota	24,143	21,426	14,074	13,960	12,674	12,839
Mississippi	NA	23,307	28,545	27,290	26,861	18,944
Missouri	18,382	13,637	11,885	15,320	15,401	12,488
Montana	5,072	3,440	2,131	2,148	2,355	2,434
Nebraska	10,622	5,541	5,390	6,248	8,411	5,347
Nevada	12,395	12,882	11,180	13,430	12,169	11,981
New Hampshire	1,452	1,176	855	589	548	680
New Jersey	43,413	32,806	27,832	27,588	27,026	25,966
New Mexico	9,034	7,758	7,263	8,155	13,085	9,574
New York	82,459	79,338	75,642	81,444	73,147	71,507
North Carolina	15,618	14,390	10,860	14,875	12,312	11,645
North Dakota	3,086	3,030	1,952	2,395	1,366	2,540
Ohio	58,205	48,472	32,331	30,138	33,167	34,522
Oklahoma	22,944	24,771	26,745	34,189	41,125	29,093
Oregon	16,662	14,849	13,113	13,267	13,891	14,766
Pennsylvania	45,797	37,300	28,314	26,573	24,549	25,807
Rhode Island	6,610	7,252	6,774	6,980	6,205	6,007
South Carolina	10,931	11,397	8,517	9,186	8,568	8,201
South Dakota	^R 2,120	^R 1,659	^R 1,055	^R 1,496	^R 1,493	^R 1,382
Tennessee	19,300	18,057	12,548	13,356	13,075	13,445
Texas	^R 231,916	^R 250,615	^R 251,130	^R 312,045	^R 316,987	^R 274,687
Utah	11,628	9,183	6,586	6,006	6,231	7,129
Vermont	661	442	363	309	307	384
Virginia	NA	NA	16,181	17,162	14,573	10,777
Washington	28,520	NA	16,517	18,703	21,792	20,068
West Virginia	10,365	6,795	5,672	4,677	4,527	4,732
Wisconsin	28,374	26,650	17,200	16,410	16,146	15,910
Wyoming	4,919	4,171	3,148	3,012	3,001	3,344
Total	^R 1,473,827	^R 1,400,214	^R 1,247,207	^R 1,373,636	^R 1,350,020	^R 1,238,777

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002
(Million Cubic Feet) — Continued

State	2001					2000
	May	April	March	February	January	Total
Alabama	21,225	23,550	27,065	27,737	36,186	298,492
Alaska	10,255	11,184	13,171	12,328	13,607	150,666
Arizona	19,778	19,048	21,565	23,190	19,887	184,023
Arkansas	14,133	16,843	22,579	21,301	26,856	242,977
California	172,722	189,356	201,320	215,971	243,646	2,247,921
Colorado	23,631	32,000	39,601	41,830	46,270	299,653
Connecticut	5,996	9,977	13,985	14,262	17,311	123,711
Delaware	2,356	3,922	4,931	5,261	5,646	52,034
District of Columbia	1,713	3,327	4,377	4,815	5,808	33,181
Florida	41,528	39,013	34,608	29,113	33,094	519,190
Georgia	20,358	25,349	36,829	34,546	49,766	394,896
Hawaii	237	243	247	237	253	2,841
Idaho	4,329	5,648	6,749	8,521	8,916	65,046
Illinois	46,895	62,492	116,676	131,845	150,826	1,006,805
Indiana	NA	37,071	NA	NA	NA	570,431
Iowa	12,913	17,583	27,121	29,850	33,448	224,526
Kansas	11,097	17,335	26,758	27,869	36,080	252,650
Kentucky	9,549	14,886	21,616	23,081	31,367	208,207
Louisiana	106,815	112,508	114,703	109,639	120,318	1,266,837
Maine	323	305	577	875	763	7,733
Maryland	9,001	14,420	21,886	22,955	30,557	206,716
Massachusetts	22,325	31,987	38,764	40,576	44,242	332,910
Michigan	48,396	77,481	112,960	112,355	132,689	893,256
Minnesota	15,167	24,574	39,241	46,044	48,408	333,386
Mississippi	20,002	20,606	18,785	16,303	26,210	248,908
Missouri	13,341	22,799	34,277	40,719	52,014	277,875
Montana	3,050	5,028	5,773	8,348	7,981	57,642
Nebraska	6,970	10,880	13,496	15,229	16,942	121,642
Nevada	12,622	12,435	17,869	18,518	19,954	182,188
New Hampshire	1,293	1,936	2,640	2,874	2,852	20,833
New Jersey	31,048	49,978	67,380	68,160	81,615	590,675
New Mexico	10,190	11,884	11,241	14,563	14,125	127,696
New York	69,031	89,753	117,220	121,608	134,063	1,248,672
North Carolina	11,249	15,150	20,041	21,182	29,207	221,998
North Dakota	2,622	3,826	3,576	5,277	4,871	36,553
Ohio	41,292	66,274	101,713	109,791	135,274	860,252
Oklahoma	28,846	32,018	38,247	39,643	44,682	442,877
Oregon	15,779	18,212	20,865	24,954	21,596	212,918
Pennsylvania	33,515	53,809	78,318	80,353	96,886	659,740
Rhode Island	6,970	7,140	10,152	7,850	9,111	78,046
South Carolina	8,506	10,598	12,101	12,786	16,242	151,660
South Dakota	^R 1,946	^R 2,849	^R 4,228	^R 4,606	^R 4,296	32,735
Tennessee	14,261	22,306	27,420	29,379	43,477	252,528
Texas	^R 284,524	^R 287,952	^R 297,629	^R 283,558	^R 322,606	3,789,439
Utah	7,908	11,315	13,178	17,564	20,260	136,975
Vermont	544	837	1,091	1,005	1,195	10,410
Virginia	11,850	15,651	22,861	26,989	34,420	262,316
Washington	26,331	29,444	32,084	34,692	33,024	279,757
West Virginia	5,370	9,475	^R 11,358	12,279	14,842	102,616
Wisconsin	18,061	26,099	54,618	53,137	54,171	388,053
Wyoming	3,674	4,562	5,068	5,916	6,771	59,195
Total	^R1,339,071	^R1,632,914	^R2,048,186	^R2,123,330	^R2,461,594	20,772,291

^R Revised Data.

NA Not Available.

Notes: July 2002 deliveries to Electric Utilities not available in time for publication. See box on page one for more information. Geographic coverage is the 50 States and the District of Columbia. Gas volumes

delivered for use as vehicle fuel are included in the annual total for commercial deliveries but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Sources: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-759, "Monthly Power Plant Report."

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				July	June	May	April	March
Alabama	4.73	7.19	3.70	5.18	5.22	4.89	4.37	4.49
Alaska	2.40	2.40	1.60	2.38	2.31	2.34	2.39	2.41
Arizona	3.62	5.83	3.99	4.16	3.78	3.80	3.70	3.74
Arkansas	NA	NA	3.26	NA	NA	NA	NA	NA
California	2.97	8.51	3.45	3.10	2.98	3.18	3.85	2.76
Colorado	2.71	5.14	2.86	1.95	3.65	2.38	2.87	3.15
Connecticut	NA	9.59	6.01	7.17	^R 6.97	6.74	NA	5.71
Delaware	NA	6.21	3.04	5.38	NA	5.40	5.80	6.70
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.68	6.62	4.15	4.29	3.78	3.95	4.01	3.51
Georgia	3.95	7.32	3.68	5.19	5.27	6.39	3.70	3.18
Hawaii	6.71	8.07	7.85	7.66	7.62	6.66	6.44	6.03
Idaho	3.72	5.74	2.87	6.28	4.71	3.43	3.36	3.56
Illinois	3.48	6.93	3.73	3.76	3.96	3.53	3.93	3.13
Indiana	NA	NA	3.04	NA	3.80	3.61	3.89	3.37
Iowa	3.71	7.55	3.85	5.01	4.86	4.21	4.03	3.51
Kansas	3.98	7.40	3.63	3.63	4.39	4.26	4.77	3.98
Kentucky	4.36	NA	3.95	3.77	3.97	4.65	5.47	4.06
Louisiana	NA	NA	3.61	NA	NA	NA	NA	NA
Maine	NA	NA	4.83	3.49	3.76	3.42	NA	3.99
Maryland	NA	7.75	4.26	5.69	^R 5.46	^R 5.34	5.30	4.18
Massachusetts	4.62	7.41	4.57	7.41	7.35	5.56	4.23	4.29
Michigan	4.19	4.26	3.06	3.84	3.93	3.94	3.51	4.76
Minnesota	3.64	6.92	3.50	3.98	4.13	3.83	3.54	3.64
Mississippi	3.95	NA	3.48	3.78	4.18	3.88	4.42	3.62
Missouri	4.27	7.37	3.93	6.43	6.44	5.46	4.94	4.03
Montana	2.67	4.86	2.99	1.75	2.16	2.76	3.05	2.72
Nebraska	3.85	7.61	3.59	4.02	4.17	4.36	4.31	3.63
Nevada	4.17	NA	3.93	4.61	3.99	3.81	4.35	4.48
New Hampshire	4.11	5.19	4.32	3.50	3.22	3.43	4.91	3.88
New Jersey	4.90	7.39	4.92	5.65	5.90	5.74	4.48	4.97
New Mexico	2.50	4.95	2.75	2.55	2.17	2.42	2.90	2.44
New York	3.68	NA	3.94	3.21	3.47	3.59	3.57	3.98
North Carolina	4.15	7.97	4.31	4.54	4.92	4.39	4.51	3.81
North Dakota	3.36	NA	3.83	2.42	3.27	3.63	3.54	3.23
Ohio	NA	NA	5.63	2.14	4.45	3.88	3.07	NA
Oklahoma	NA	7.32	3.36	NA	3.48	3.93	4.14	NA
Oregon	NA	4.75	3.33	NA	NA	5.69	5.46	5.17
Pennsylvania	NA	7.36	4.29	5.88	5.73	5.62	NA	4.91
Rhode Island	NA	8.38	3.44	5.99	5.82	5.40	5.08	4.18
South Carolina	4.84	7.62	4.23	5.11	5.35	5.35	5.23	4.39
South Dakota	4.13	7.91	4.19	3.97	4.89	4.10	4.98	3.69
Tennessee	3.98	6.98	3.74	3.82	3.83	4.13	3.50	3.78
Texas	3.58	6.74	3.33	3.44	3.69	4.19	4.13	3.29
Utah	4.16	5.97	3.36	3.48	4.00	3.54	3.60	4.18
Vermont	NA	4.97	3.73	NA	NA	4.65	4.81	4.82
Virginia	NA	7.27	4.15	5.87	6.28	5.62	4.47	3.33
Washington	NA	NA	3.17	NA	NA	4.07	4.28	3.86
West Virginia	NA	NA	3.53	6.61	6.66	4.67	4.44	3.85
Wisconsin	3.96	7.17	3.55	5.89	5.65	4.19	4.32	3.47
Wyoming	NA	7.24	4.30	NA	2.59	2.62	4.07	NA
Total	3.94	6.87	3.81	3.90	4.14	^R 4.02	4.09	3.78

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2002		2001					
	February	January	Total	December	November	October	September	August
Alabama	4.80	4.71	6.62	4.99	4.99	5.16	5.45	6.02
Alaska	2.41	2.44	2.35	2.34	2.30	2.29	2.25	2.22
Arizona	3.35	3.41	5.05	3.27	4.38	3.47	3.93	4.05
Arkansas	5.72	NA	NA	NA	NA	NA	3.93	4.41
California	2.42	2.68	6.64	2.80	3.15	2.38	2.71	2.80
Colorado	2.58	2.64	4.21	2.93	3.02	2.28	2.73	3.04
Connecticut	NA	6.72	8.12	5.07	6.30	4.23	5.84	8.54
Delaware	4.07	4.47	5.18	4.39	4.05	3.19	3.31	3.77
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.27	3.35	5.21	3.41	3.58	2.69	2.98	3.45
Georgia	4.21	2.44	6.05	3.77	4.26	3.55	3.81	3.92
Hawaii	6.10	6.49	7.86	6.95	7.53	7.42	7.92	7.90
Idaho	3.53	3.77	4.85	3.74	3.85	3.48	3.50	3.12
Illinois	3.16	3.52	5.55	3.52	3.56	2.46	2.60	3.99
Indiana	3.33	3.37	NA	3.60	3.90	NA	NA	3.01
Iowa	3.39	3.46	NA	NA	3.45	2.84	3.80	4.26
Kansas	3.80	3.65	6.05	3.92	4.23	3.01	3.12	4.12
Kentucky	4.69	4.08	NA	4.85	4.82	4.26	2.36	4.51
Louisiana	NA	3.91	NA	NA	NA	3.16	3.47	4.23
Maine	4.79	4.02	NA	NA	NA	1.48	3.01	6.56
Maryland	^R 4.44	NA	6.78	4.61	5.47	4.66	4.34	5.00
Massachusetts	4.24	3.80	NA	NA	6.00	3.75	6.15	6.69
Michigan	4.45	4.54	4.09	3.55	3.80	3.68	3.86	4.30
Minnesota	3.65	3.42	5.84	4.02	4.52	2.57	3.66	4.08
Mississippi	3.76	4.14	NA	4.11	NA	3.35	NA	5.95
Missouri	3.97	3.65	6.31	3.61	4.67	3.57	5.33	6.02
Montana	2.64	3.09	3.93	2.39	3.12	1.96	2.23	2.58
Nebraska	3.58	3.77	6.38	3.66	3.83	2.85	4.13	4.18
Nevada	3.83	4.20	NA	4.18	5.02	3.57	4.67	5.22
New Hampshire	3.14	7.84	NA	4.35	3.26	NA	NA	6.56
New Jersey	4.84	4.31	6.41	4.27	5.47	4.18	4.92	5.47
New Mexico	2.23	2.71	NA	2.41	NA	2.36	2.07	2.62
New York	3.47	4.19	NA	3.81	NA	2.87	2.90	3.64
North Carolina	3.72	4.06	6.72	4.11	4.70	4.42	5.02	5.55
North Dakota	3.26	3.54	NA	2.51	4.34	2.10	2.86	3.10
Ohio	4.28	3.63	NA	4.89	5.38	5.70	5.13	7.63
Oklahoma	4.07	NA	6.48	4.49	5.10	4.95	5.19	5.30
Oregon	5.10	4.75	4.92	5.39	5.41	4.60	5.42	5.07
Pennsylvania	5.20	4.44	6.71	5.20	5.03	5.91	6.32	6.11
Rhode Island	4.07	NA	7.42	4.14	5.28	6.09	7.90	8.15
South Carolina	4.30	4.96	6.48	4.95	5.01	4.08	4.70	5.01
South Dakota	4.04	4.10	NA	NA	3.94	3.25	4.61	4.51
Tennessee	3.99	4.35	5.98	4.28	4.79	3.79	3.51	4.04
Texas	3.25	3.61	5.53	3.22	3.69	2.88	3.16	4.14
Utah	4.54	4.34	5.62	5.01	4.69	4.76	6.65	5.82
Vermont	5.01	5.32	4.83	5.15	3.93	5.06	4.06	4.35
Virginia	3.99	NA	NA	5.03	NA	NA	5.49	7.43
Washington	4.09	2.24	NA	3.88	4.09	3.00	3.56	3.50
West Virginia	3.82	NA	NA	NA	4.44	3.95	2.99	4.21
Wisconsin	3.74	3.71	5.90	3.50	4.33	2.85	3.68	5.04
Wyoming	3.98	3.97	6.32	4.44	4.91	4.63	5.35	6.82
Total	^R 3.78	4.03	5.77	3.93	3.98	3.32	3.66	4.28

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							2000
	July	June	May	April	March	February	January	Total
Alabama	5.62	6.47	6.98	6.33	6.90	8.60	7.12	4.50
Alaska	1.91	2.68	2.23	2.20	2.55	2.53	2.44	1.60
Arizona	3.68	4.24	4.92	5.22	5.31	6.25	7.91	4.82
Arkansas	NA	NA	NA	NA	NA	NA	NA	4.16
California	2.92	8.08	7.32	7.52	8.36	9.42	12.64	4.32
Colorado	3.14	3.21	3.94	5.21	4.73	5.01	7.10	3.53
Connecticut	7.96	6.98	8.87	9.97	8.65	10.03	11.06	6.73
Delaware	4.80	4.63	5.15	5.96	6.10	7.33	8.30	3.41
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.98	4.56	5.75	6.50	6.30	6.18	10.21	5.10
Georgia	4.35	6.43	5.77	6.14	6.65	8.05	8.90	4.64
Hawaii	7.92	7.76	7.91	7.57	7.42	8.78	9.17	8.41
Idaho	3.60	4.20	6.00	5.24	5.04	5.58	6.94	4.02
Illinois	3.80	4.56	5.03	6.09	5.19	6.89	10.53	5.01
Indiana	3.08	NA	NA	3.36	NA	5.77	7.87	4.03
Iowa	5.42	5.40	6.52	6.47	6.06	8.01	9.35	5.06
Kansas	4.17	4.84	6.45	6.59	5.92	8.32	10.13	4.52
Kentucky	NA	6.45	7.18	5.53	5.89	8.65	9.15	4.93
Louisiana	NA	4.60	5.03	6.06	6.11	6.96	10.43	4.61
Maine	6.61	NA	11.90	5.84	6.53	7.57	6.97	5.30
Maryland	5.60	6.09	7.56	5.41	6.50	7.01	10.16	5.36
Massachusetts	7.38	6.73	5.78	6.40	6.00	7.64	9.42	5.43
Michigan	4.36	4.46	4.61	4.90	3.60	3.52	4.40	3.23
Minnesota	4.32	4.84	5.51	6.00	5.51	7.28	9.37	4.73
Mississippi	4.32	4.68	5.43	6.33	NA	6.44	9.68	4.66
Missouri	6.38	6.47	7.66	7.35	5.60	7.07	8.73	4.96
Montana	2.85	2.64	3.85	4.09	5.03	5.31	7.34	3.55
Nebraska	4.31	4.96	6.28	7.20	6.52	8.10	9.46	4.52
Nevada	3.63	3.95	NA	6.54	5.53	5.64	6.71	4.79
New Hampshire	5.67	3.59	4.75	4.77	4.88	5.21	6.06	5.34
New Jersey	5.81	6.21	7.26	7.43	6.18	7.11	9.69	5.34
New Mexico	2.48	2.80	3.71	4.55	4.75	5.81	5.56	3.79
New York	3.38	3.97	5.22	NA	5.37	6.47	8.99	4.67
North Carolina	5.96	6.07	7.25	7.20	7.05	8.03	9.87	5.09
North Dakota	NA	2.93	4.76	5.64	6.00	6.48	9.50	4.60
Ohio	NA	8.49	6.29	11.56	9.95	10.34	7.87	6.10
Oklahoma	4.11	4.25	4.50	6.76	6.39	6.85	9.63	3.91
Oregon	5.03	4.85	4.70	4.25	4.45	4.67	5.26	3.87
Pennsylvania	6.58	6.75	7.23	7.15	6.96	6.91	8.36	5.09
Rhode Island	7.28	9.96	9.90	8.79	9.60	6.69	8.27	4.36
South Carolina	5.39	5.83	6.94	6.87	6.34	7.88	10.46	5.09
South Dakota	^R 5.04	5.93	7.30	7.50	6.58	7.68	9.94	4.81
Tennessee	4.10	4.91	5.55	5.99	6.30	7.73	9.28	4.72
Texas	4.45	4.78	5.61	5.71	5.81	7.01	9.10	4.39
Utah	5.94	5.48	5.53	5.51	6.35	6.41	5.83	3.68
Vermont	4.14	4.09	4.38	4.70	4.93	5.23	5.65	4.26
Virginia	6.71	7.52	8.13	4.72	6.61	7.65	8.11	5.34
Washington	NA	4.07	5.41	5.14	5.13	6.48	9.87	4.16
West Virginia	4.53	NA	NA	5.98	^R 4.58	4.26	4.25	3.75
Wisconsin	5.17	4.91	5.18	6.41	6.13	6.61	9.93	4.42
Wyoming	5.26	3.85	6.38	6.91	8.98	7.01	8.07	5.07
Total	4.32	5.37	5.87	6.39	^R6.15	7.10	8.94	4.62

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the

point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				July	June	May	April	March
Alabama	10.34	11.84	8.36	14.40	12.98	13.39	11.07	9.40
Alaska	NA	4.25	3.51	5.17	NA	4.50	4.33	4.31
Arizona	12.24	9.98	9.01	16.04	14.59	13.73	12.26	12.27
Arkansas	NA	10.67	6.75	NA	NA	NA	NA	NA
California	6.82	12.34	7.24	7.20	7.16	7.29	6.84	5.99
Colorado	5.59	8.87	5.48	9.06	9.07	6.81	5.90	5.45
Connecticut	NA	13.05	10.97	15.04	NA	12.17	11.12	10.11
Delaware	11.14	10.63	7.85	14.97	13.64	12.31	11.18	10.81
District of Columbia	11.00	13.50	9.63	11.55	11.59	11.87	12.76	10.88
Florida	13.21	16.00	11.91	16.53	15.73	15.15	13.81	12.28
Georgia	7.67	10.60	6.92	12.38	11.99	11.73	6.81	7.70
Hawaii	23.60	22.29	21.11	24.92	23.67	23.59	23.17	23.21
Idaho	9.01	8.16	5.68	9.56	9.74	9.34	9.16	8.96
Illinois	5.72	10.78	6.02	10.27	10.00	7.89	5.62	5.05
Indiana	NA	NA	5.91	NA	NA	8.89	7.67	6.37
Iowa	6.37	9.96	6.66	13.02	10.49	7.52	6.43	5.90
Kansas	8.07	10.30	6.68	12.64	11.69	10.43	8.69	7.39
Kentucky	7.47	10.31	6.27	11.32	9.65	10.15	7.47	6.25
Louisiana	NA	11.18	6.69	NA	NA	NA	NA	NA
Maine	NA	12.24	8.87	13.74	NA	10.51	11.69	11.55
Maryland	NA	12.36	8.91	15.98	NA	12.12	11.01	9.10
Massachusetts	9.68	13.21	9.21	10.96	9.76	9.05	9.62	9.72
Michigan	NA	5.35	5.02	NA	7.18	6.52	6.14	6.11
Minnesota	6.24	10.01	6.06	8.38	7.84	6.62	6.80	5.87
Mississippi	7.06	10.46	6.64	7.94	8.46	8.77	7.83	6.37
Missouri	7.58	10.60	6.77	12.69	10.71	8.89	7.40	6.91
Montana	5.39	7.20	5.72	6.35	5.85	5.16	5.23	4.98
Nebraska	5.76	8.98	5.56	9.54	8.49	7.11	5.81	5.19
Nevada	9.62	8.42	6.53	11.45	10.78	10.55	9.64	9.20
New Hampshire	9.70	12.29	9.13	11.54	10.30	10.15	9.88	9.57
New Jersey	7.07	7.33	7.57	8.02	7.67	6.72	6.71	6.95
New Mexico	6.37	10.23	5.90	9.65	9.07	7.77	^R 5.23	^R 4.45
New York	9.67	11.95	9.50	12.86	11.69	9.91	9.47	9.25
North Carolina	8.90	12.63	8.72	15.20	13.50	11.06	8.79	8.02
North Dakota	5.07	9.08	5.39	7.74	7.37	6.07	5.30	4.52
Ohio	6.98	10.60	6.62	8.77	7.86	6.81	6.73	6.47
Oklahoma	NA	9.60	6.57	NA	9.82	9.10	7.54	7.48
Oregon	10.70	9.18	7.61	12.29	11.55	10.61	10.73	10.61
Pennsylvania	NA	11.57	7.88	NA	11.90	10.26	8.87	8.50
Rhode Island	NA	11.86	9.02	14.57	12.72	11.74	11.75	11.45
South Carolina	9.72	12.76	8.47	11.27	10.75	10.40	10.01	9.26
South Dakota	6.53	9.86	6.41	10.81	9.45	7.29	6.67	6.17
Tennessee	7.61	10.84	6.66	10.72	9.77	9.39	7.70	7.27
Texas	6.52	10.10	6.44	10.53	10.32	11.03	6.34	5.18
Utah	6.30	8.52	6.24	7.22	7.10	6.52	6.68	6.06
Vermont	NA	9.56	7.67	NA	11.84	10.79	10.27	10.05
Virginia	9.59	12.55	9.59	16.41	16.98	12.87	11.17	8.49
Washington	NA	9.68	6.56	NA	NA	9.98	9.78	9.71
West Virginia	NA	7.32	7.33	11.93	11.91	8.98	8.47	8.08
Wisconsin	7.02	9.83	6.52	8.99	8.39	6.90	7.64	6.68
Wyoming	NA	9.08	5.36	NA	6.59	5.81	5.41	5.22
Total	7.52	10.28	7.07	9.99	9.42	8.41	^R 7.55	^R 6.95

See footnotes at end of table.

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2002		2001					
	February	January	Total	December	November	October	September	August
Alabama	10.06	9.58	12.09	11.89	11.96	12.91	16.00	16.04
Alaska	4.27	4.39	4.23	4.10	4.05	4.27	4.51	4.74
Arizona	11.41	11.67	10.88	12.14	13.84	14.57	14.98	15.18
Arkansas	8.42	NA	10.09	8.37	8.79	8.57	11.38	11.27
California	6.67	7.11	10.29	6.00	5.80	5.97	7.23	8.15
Colorado	4.73	5.25	8.44	5.33	6.15	10.16	13.04	13.57
Connecticut	NA	10.88	12.60	10.99	11.38	11.31	14.52	13.93
Delaware	10.75	10.53	11.03	11.36	11.72	13.07	14.91	15.77
District of Columbia	10.23	10.78	13.10	11.51	11.36	12.52	13.69	11.24
Florida	11.75	12.16	15.89	13.87	14.79	16.05	17.30	17.46
Georgia	7.69	6.03	9.92	7.23	9.50	7.48	10.32	10.99
Hawaii	23.30	23.44	22.55	23.88	24.02	21.82	22.29	22.52
Idaho	8.79	8.88	8.50	8.98	9.17	9.62	10.05	10.29
Illinois	5.01	5.07	9.05	5.16	5.45	5.25	7.63	9.39
Indiana	6.58	6.90	NA	6.43	7.66	8.32	NA	NA
Iowa	5.71	5.60	8.88	4.24	6.91	6.17	10.35	11.55
Kansas	7.15	7.54	10.07	7.84	9.11	10.69	13.50	12.31
Kentucky	7.51	7.35	9.65	7.36	7.72	9.73	11.46	13.10
Louisiana	NA	6.75	NA	NA	NA	NA	NA	10.85
Maine	11.42	10.75	12.15	9.80	12.73	12.73	13.62	16.90
Maryland	8.20	9.46	^R 11.66	^R 9.32	9.78	8.95	13.51	14.68
Massachusetts	9.46	9.88	13.15	12.08	12.05	13.06	15.30	16.03
Michigan	6.07	5.78	5.59	5.74	5.77	6.14	7.58	8.83
Minnesota	5.75	5.98	8.80	5.82	6.92	5.52	7.31	8.72
Mississippi	7.04	6.66	10.05	8.17	7.89	7.93	12.29	12.08
Missouri	7.25	7.18	10.51	7.61	10.39	12.68	14.93	15.88
Montana	5.35	5.77	7.00	6.10	6.35	6.74	8.55	8.83
Nebraska	5.26	5.40	8.47	6.01	6.36	6.83	8.92	9.66
Nevada	9.07	9.53	8.96	8.15	11.09	11.40	14.92	11.20
New Hampshire	9.46	9.17	12.64	12.93	13.94	12.79	14.65	15.93
New Jersey	6.91	7.35	7.69	8.14	8.45	9.29	9.22	9.25
New Mexico	8.13	^R 5.51	8.25	4.26	4.81	5.63	8.18	9.94
New York	8.83	9.69	11.88	11.01	11.28	11.69	13.28	14.56
North Carolina	8.59	8.33	12.31	10.60	10.30	11.94	15.50	17.13
North Dakota	4.71	4.82	7.62	4.87	5.10	4.87	7.21	7.03
Ohio	7.00	7.17	9.95	7.33	7.49	9.30	10.59	10.18
Oklahoma	7.61	7.38	9.50	7.69	9.27	10.77	12.33	12.32
Oregon	10.55	10.49	9.68	10.56	10.82	11.18	11.17	11.21
Pennsylvania	8.67	^R 8.37	11.47	9.47	10.38	12.06	15.70	16.83
Rhode Island	11.26	NA	12.17	12.25	13.35	13.68	13.54	14.94
South Carolina	9.93	9.43	12.35	10.66	9.84	11.86	13.64	13.95
South Dakota	6.03	6.00	8.58	4.64	6.57	5.84	8.73	9.15
Tennessee	7.62	7.04	10.33	7.83	9.14	9.47	10.87	12.03
Texas	6.69	5.55	9.19	6.09	7.96	7.90	10.16	6.90
Utah	6.17	6.18	8.08	7.03	7.48	6.82	9.55	9.34
Vermont	9.97	9.97	10.07	10.44	11.07	12.52	14.38	14.14
Virginia	7.97	8.86	12.35	9.94	10.50	13.40	16.58	17.30
Washington	9.60	9.62	9.77	9.59	9.72	10.22	10.92	11.48
West Virginia	7.99	NA	^R 7.56	8.07	7.62	8.03	9.36	9.95
Wisconsin	6.59	6.97	8.76	6.54	7.45	5.01	6.44	9.17
Wyoming	5.64	5.35	8.45	5.33	7.24	8.66	10.66	11.12
Total	7.19	^R 7.23	9.63	^R 7.32	7.97	8.22	10.12	10.75

See footnotes at end of table.

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							2000
	July	June	May	April	March	February	January	Total
Alabama	16.16	15.87	14.65	12.08	12.53	12.05	10.12	9.22
Alaska	4.91	4.63	4.36	4.16	4.18	4.17	4.10	3.57
Arizona	14.63	13.55	11.69	10.47	9.47	9.21	9.10	9.43
Arkansas	11.48	13.50	12.50	10.68	8.82	10.83	11.29	7.43
California	8.63	11.25	11.58	11.89	13.73	13.72	12.07	8.21
Colorado	12.64	11.39	10.05	9.52	9.03	8.60	7.15	6.14
Connecticut	14.95	13.97	12.28	13.10	12.21	13.51	13.09	11.43
Delaware	14.33	13.67	12.36	11.14	10.78	10.31	9.27	8.33
District of Columbia	11.58	11.55	14.96	13.62	13.11	13.64	13.79	10.81
Florida	17.51	17.57	18.95	18.02	19.04	15.60	12.63	12.93
Georgia	14.94	11.03	10.81	10.12	9.44	11.55	10.46	8.38
Hawaii	22.14	21.99	22.11	21.71	22.10	22.81	23.21	21.87
Idaho	9.85	9.39	8.93	8.76	8.53	7.96	7.15	6.28
Illinois	9.41	10.33	10.35	9.28	9.62	11.33	11.86	7.33
Indiana	NA	NA	NA	11.83	10.37	9.54	9.08	6.42
Iowa	10.85	11.16	10.43	9.34	8.48	9.76	11.16	7.81
Kansas	12.28	12.50	11.74	9.76	9.19	10.00	10.84	7.64
Kentucky	13.17	15.23	13.35	10.87	9.95	10.89	9.18	7.41
Louisiana	9.67	10.27	10.62	8.71	10.33	11.70	12.21	8.34
Maine	17.96	17.07	10.45	15.54	11.39	11.75	11.29	9.71
Maryland	15.61	14.63	14.37	12.68	10.82	12.85	11.94	9.78
Massachusetts	14.99	14.09	14.29	14.39	14.17	12.84	11.24	9.91
Michigan	8.59	7.69	7.17	5.40	4.93	4.92	4.87	5.11
Minnesota	8.82	8.76	9.30	8.67	8.73	9.39	12.62	7.13
Mississippi	11.37	11.54	10.80	10.60	9.21	8.74	11.78	7.48
Missouri	15.24	14.17	12.87	11.19	10.76	10.93	9.01	7.85
Montana	8.81	8.10	7.67	7.40	7.40	6.99	6.60	6.04
Nebraska	9.17	8.97	9.20	8.08	8.25	10.31	8.72	6.45
Nevada	11.28	10.02	9.36	8.95	8.47	8.31	7.11	6.63
New Hampshire	16.39	14.83	10.90	11.76	13.02	12.07	11.71	10.07
New Jersey	8.60	8.40	8.13	7.76	7.35	6.96	6.93	7.28
New Mexico	8.96	10.88	12.47	13.43	13.44	9.34	8.25	6.10
New York	14.40	13.99	13.64	11.55	10.64	11.36	12.60	9.86
North Carolina	16.67	14.85	14.09	12.58	12.56	13.28	11.52	9.53
North Dakota	9.18	9.91	9.24	8.25	8.32	9.17	9.74	6.37
Ohio	13.49	12.36	11.90	10.89	10.87	11.02	9.31	7.70
Oklahoma	12.62	12.23	11.99	9.82	8.70	9.09	9.54	7.36
Oregon	10.79	10.18	9.49	9.25	9.09	8.94	8.78	8.12
Pennsylvania	16.40	15.22	14.10	12.44	11.76	10.92	10.09	8.49
Rhode Island	14.68	13.70	12.49	11.98	11.60	11.55	11.34	9.83
South Carolina	13.81	13.40	12.35	11.40	12.38	13.41	12.92	9.15
South Dakota	9.52	8.97	9.26	9.28	8.30	10.40	11.20	7.34
Tennessee	11.80	12.11	11.16	9.89	8.51	14.43	10.15	7.48
Texas	10.79	12.04	10.70	9.49	8.85	9.08	11.21	7.41
Utah	9.36	8.82	9.59	7.97	8.82	8.44	8.26	6.20
Vermont	12.58	11.56	10.39	9.46	9.26	9.23	9.18	8.13
Virginia	17.33	16.41	15.51	12.15	11.27	12.73	12.15	9.98
Washington	11.14	10.72	10.33	10.09	10.09	9.70	8.22	7.16
West Virginia	12.92	12.14	8.36	7.32	^R 7.04	7.05	6.97	7.46
Wisconsin	7.72	8.60	9.61	9.58	8.73	9.05	12.21	7.55
Wyoming	12.25	10.03	11.79	6.15	13.00	8.91	7.54	6.11
Total	11.08	11.49	11.11	10.17	9.88	10.28	10.14	7.76

^R Revised Data.

NA Not Available.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District

of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				July	June	May	April	March
Alabama	8.92	10.53	7.01	9.55	9.22	9.45	9.24	8.63
Alaska	NA	2.55	2.03	NA	1.99	2.91	3.34	3.40
Arizona	8.69	7.87	6.49	7.99	8.03	8.16	8.24	9.04
Arkansas	NA	NA	4.60	NA	NA	NA	NA	NA
California	5.83	11.48	6.67	5.44	5.36	5.63	6.07	5.50
Colorado	4.78	8.00	4.88	5.56	5.68	4.97	4.83	5.04
Connecticut	NA	8.41	6.60	6.93	^R 7.35	6.83	7.25	5.98
Delaware	9.62	9.38	6.42	10.83	10.67	9.77	9.70	9.41
District of Columbia	10.49	13.08	8.82	10.36	10.71	10.53	11.61	10.36
Florida	7.75	11.77	7.21	8.10	8.05	7.91	7.73	7.34
Georgia	5.90	9.80	5.98	7.67	7.66	7.51	6.47	5.05
Hawaii	17.52	17.55	16.80	18.41	18.39	17.24	16.97	16.92
Idaho	8.34	7.49	4.91	7.79	8.75	8.66	8.59	8.30
Illinois	5.69	10.10	5.66	8.61	8.91	7.36	5.61	5.31
Indiana	6.62	NA	5.27	9.38	8.91	7.95	7.27	5.80
Iowa	5.09	8.39	5.55	7.12	6.63	5.81	5.21	4.98
Kansas	7.12	9.66	5.94	8.46	8.84	8.09	7.59	6.64
Kentucky	6.99	NA	5.64	7.77	7.40	7.23	6.71	6.03
Louisiana	NA	9.51	5.83	NA	NA	NA	NA	NA
Maine	NA	10.88	7.30	7.94	8.37	7.75	NA	10.36
Maryland	NA	11.10	7.35	10.45	NA	10.43	9.38	7.54
Massachusetts	8.46	12.21	8.20	7.58	7.96	7.53	8.28	8.29
Michigan	5.91	5.11	4.72	6.97	6.56	6.10	5.82	5.91
Minnesota	5.15	8.92	5.04	5.27	5.53	5.76	5.83	5.07
Mississippi	5.61	9.02	5.81	5.52	4.58	6.32	6.43	4.99
Missouri	6.87	10.12	5.98	8.46	7.58	6.97	6.69	6.45
Montana	5.44	6.67	5.58	5.86	5.67	5.27	5.33	5.06
Nebraska	4.80	8.09	4.64	4.84	5.01	5.11	4.91	4.62
Nevada	7.69	7.43	5.49	7.53	6.81	7.23	7.02	8.07
New Hampshire	NA	11.52	7.81	6.45	7.07	7.28	NA	8.19
New Jersey	5.85	8.37	5.55	6.53	6.27	5.89	5.79	6.41
New Mexico	4.28	7.61	4.47	4.89	4.98	4.64	3.65	3.47
New York	8.05	10.93	7.67	8.04	7.87	7.81	7.67	7.77
North Carolina	6.91	10.76	6.90	7.84	8.10	6.53	6.34	6.54
North Dakota	4.74	8.44	4.73	4.56	5.02	4.42	5.01	4.34
Ohio	6.39	10.09	6.05	7.07	6.70	5.86	5.80	5.88
Oklahoma	NA	9.36	5.74	7.18	7.36	7.13	6.87	^R 7.35
Oregon	9.10	7.63	6.55	9.04	9.17	8.82	9.11	9.12
Pennsylvania	8.25	11.11	7.25	9.70	9.27	8.78	8.19	7.94
Rhode Island	NA	10.56	7.84	10.90	11.04	9.83	10.40	10.14
South Carolina	7.75	10.92	7.03	7.20	7.55	7.35	8.07	7.81
South Dakota	5.06	8.64	5.01	5.95	6.10	5.60	5.15	5.03
Tennessee	6.99	9.99	5.99	8.31	7.09	7.27	6.63	6.74
Texas	5.18	8.92	4.97	5.53	5.35	5.86	5.55	4.70
Utah	5.17	7.09	4.64	4.92	4.92	4.86	5.14	5.17
Vermont	8.30	7.70	6.21	8.68	8.49	8.29	8.29	8.23
Virginia	6.80	10.23	6.44	7.91	^R 8.38	7.57	7.23	5.81
Washington	NA	8.63	5.49	NA	NA	8.79	^R 8.77	^R 8.90
West Virginia	7.48	5.53	6.49	9.25	8.73	8.22	7.44	7.02
Wisconsin	5.85	8.77	5.35	6.09	6.11	5.41	6.49	5.70
Wyoming	4.97	9.05	4.50	4.67	5.06	4.87	4.90	4.92
Total	6.56	9.28	5.97	6.96	^R6.90	6.76	6.62	^R6.29

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2002		2001					
	February	January	Total	December	November	October	September	August
Alabama	8.99	8.54	10.37	9.75	9.57	9.02	11.03	11.25
Alaska	3.32	3.42	2.63	2.95	2.83	2.83	2.46	2.15
Arizona	8.92	9.34	8.15	9.14	8.73	8.25	8.23	8.29
Arkansas	6.90	NA	NA	NA	NA	NA	NA	NA
California	5.84	6.53	9.00	5.16	5.00	4.50	5.36	6.45
Colorado	4.18	4.76	7.46	4.64	4.97	7.80	9.32	9.32
Connecticut	NA	7.41	8.17	8.01	8.24	7.32	6.53	7.00
Delaware	9.34	9.49	9.56	9.58	9.66	10.23	10.68	11.25
District of Columbia	10.07	10.39	12.40	10.88	10.68	10.08	10.10	10.47
Florida	7.63	7.77	10.61	7.68	7.68	8.07	8.84	9.02
Georgia	5.13	5.25	8.72	6.23	5.94	5.90	5.87	6.44
Hawaii	17.03	17.58	17.61	18.00	18.27	17.48	17.30	17.54
Idaho	8.18	8.29	7.84	8.33	8.55	9.88	8.49	8.48
Illinois	5.11	5.14	8.65	5.33	5.50	4.84	6.36	7.61
Indiana	5.87	6.41	NA	5.83	7.23	7.36	NA	NA
Iowa	4.69	4.72	NA	NA	5.20	4.19	6.21	6.80
Kansas	6.55	7.05	9.15	7.24	7.27	7.50	7.85	8.33
Kentucky	7.12	7.50	NA	7.17	7.43	8.99	9.32	9.04
Louisiana	6.15	6.58	NA	7.28	7.45	5.25	NA	7.23
Maine	10.81	10.08	NA	13.45	NA	5.53	9.16	12.19
Maryland	7.14	8.54	10.14	7.94	8.49	7.10	7.96	8.78
Massachusetts	8.78	9.15	11.73	9.62	9.90	11.21	10.97	11.03
Michigan	5.88	5.63	5.30	5.58	5.53	5.81	6.36	6.94
Minnesota	4.70	4.79	7.57	4.77	5.71	3.84	4.56	5.32
Mississippi	5.63	5.83	^R 7.88	5.61	^R 6.05	4.69	5.39	5.70
Missouri	6.84	6.94	9.68	6.26	9.16	10.09	10.67	10.94
Montana	5.44	5.82	6.64	6.25	6.34	6.58	7.84	7.89
Nebraska	4.65	4.89	7.19	5.07	4.74	4.03	4.74	5.26
Nevada	7.81	8.28	7.97	8.10	9.79	8.46	9.01	8.77
New Hampshire	8.15	8.48	10.99	8.84	8.64	9.86	11.66	12.43
New Jersey	5.72	5.44	7.73	6.06	5.54	6.27	6.46	6.72
New Mexico	4.12	4.94	6.28	3.80	3.80	3.91	3.86	5.18
New York	8.35	8.46	9.53	7.26	6.86	6.42	7.06	7.57
North Carolina	6.94	7.03	10.03	8.10	7.94	8.53	8.70	9.35
North Dakota	3.78	5.77	6.90	4.35	4.67	3.85	5.11	5.45
Ohio	6.65	6.91	9.32	6.90	6.59	7.80	8.32	8.42
Oklahoma	7.50	NA	8.94	7.13	7.87	7.84	8.47	8.10
Oregon	9.18	9.15	8.00	9.14	9.07	8.57	8.04	8.04
Pennsylvania	8.16	7.97	10.68	8.50	9.73	9.73	11.55	11.83
Rhode Island	10.10	NA	10.70	10.68	11.27	11.42	11.26	11.77
South Carolina	7.73	7.98	10.05	8.12	8.04	8.17	8.67	8.72
South Dakota	4.71	4.85	NA	NA	5.09	4.02	5.34	5.39
Tennessee	7.20	6.85	NA	7.31	NA	7.85	8.05	9.02
Texas	5.31	4.79	7.50	5.13	6.86	^R 4.92	^R 4.31	^R 4.32
Utah	5.25	5.26	6.79	6.08	6.51	5.79	6.93	7.13
Vermont	8.30	8.23	7.95	8.35	8.61	8.65	8.85	8.69
Virginia	6.80	6.49	9.63	7.86	8.42	8.09	8.77	9.25
Washington	^R 8.86	^R 8.85	8.61	8.56	8.49	8.47	8.74	9.23
West Virginia	7.55	7.22	^R 5.95	7.70	6.55	6.55	6.64	6.75
Wisconsin	5.52	5.99	7.60	5.44	6.17	3.62	4.57	6.40
Wyoming	5.30	4.93	8.31	4.92	6.68	8.11	8.85	8.98
Total	^R6.51	^R6.55	8.45	6.45	6.91	^R6.38	^R6.92	7.31

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							2000
	July	June	May	April	March	February	January	Total
Alabama	11.31	11.40	11.22	10.68	10.90	11.06	9.46	7.68
Alaska	2.29	2.16	2.36	2.45	2.69	2.75	2.73	2.04
Arizona	8.23	8.02	8.11	7.53	7.57	8.40	7.47	6.69
Arkansas	NA	NA	8.31	NA	NA	NA	8.66	5.41
California	7.06	9.31	10.40	11.17	13.70	13.76	11.91	7.51
Colorado	9.13	9.04	9.00	8.75	8.21	7.94	6.78	5.37
Connecticut	6.87	5.36	6.09	7.78	8.41	9.78	10.05	6.62
Delaware	10.98	10.64	10.81	10.10	7.96	11.18	7.78	6.98
District of Columbia	10.97	11.12	12.32	12.82	12.55	13.98	14.07	9.62
Florida	9.32	9.71	12.19	12.78	14.06	12.98	10.19	7.70
Georgia	7.28	7.13	7.74	8.60	9.77	11.36	10.90	7.02
Hawaii	17.24	17.17	17.22	16.78	17.31	18.15	18.91	17.29
Idaho	8.29	8.25	8.21	8.17	7.81	7.35	6.55	5.47
Illinois	7.48	9.12	8.86	8.61	9.10	10.85	11.23	6.90
Indiana	NA	NA	NA	10.67	NA	NA	NA	5.74
Iowa	7.32	7.59	8.47	7.68	7.57	8.69	9.11	6.69
Kansas	8.39	9.61	10.13	8.66	8.83	9.88	10.56	6.80
Kentucky	10.21	NA	11.23	9.58	9.70	10.26	8.68	6.68
Louisiana	6.91	6.75	7.55	7.72	8.36	10.77	12.83	7.41
Maine	13.39	12.71	7.90	13.48	10.67	10.89	10.05	6.06
Maryland	9.12	10.69	11.14	11.05	10.03	12.43	11.22	8.08
Massachusetts	11.52	11.64	12.59	12.54	13.99	12.33	10.51	8.61
Michigan	7.23	6.79	6.60	5.08	4.85	4.80	4.83	4.79
Minnesota	5.62	6.06	7.43	7.74	7.77	9.43	11.44	5.99
Mississippi	5.78	6.98	8.19	8.80	7.92	8.32	11.65	6.48
Missouri	10.90	10.85	10.20	10.46	10.77	10.62	9.05	6.91
Montana	8.04	7.72	7.87	7.52	9.50	5.01	6.82	5.90
Nebraska	5.22	6.13	6.92	7.22	7.79	9.86	8.41	5.48
Nevada	8.09	7.91	7.81	7.79	7.62	7.65	6.22	5.54
New Hampshire	12.87	12.03	9.76	11.34	12.22	11.73	11.18	8.52
New Jersey	6.06	6.42	7.05	7.05	7.18	9.70	9.68	5.92
New Mexico	5.55	4.54	7.70	9.45	8.87	7.85	6.93	4.90
New York	8.12	9.18	10.37	10.29	10.77	11.92	11.86	7.76
North Carolina	9.70	9.88	9.88	10.30	11.48	11.71	10.43	7.61
North Dakota	6.36	7.51	7.49	7.38	7.27	8.59	10.12	5.80
Ohio	11.71	11.04	11.26	10.58	10.44	10.74	8.86	7.01
Oklahoma	9.26	9.78	9.13	8.84	9.13	9.65	9.45	6.37
Oregon	7.96	7.69	7.51	7.70	7.69	7.59	7.52	6.48
Pennsylvania	12.05	11.44	12.25	12.07	11.08	10.76	10.51	7.72
Rhode Island	12.25	11.78	10.82	10.44	10.36	10.42	10.35	8.54
South Carolina	8.72	9.04	9.65	10.11	10.64	12.03	12.35	7.72
South Dakota	6.19	6.90	7.20	7.66	7.20	9.25	10.81	6.05
Tennessee	8.43	9.22	9.04	8.80	8.88	12.47	9.89	6.82
Texas	6.62	7.30	^R 9.60	^R 7.39	^R 8.35	^R 9.51	^R 10.63	5.74
Utah	7.05	6.90	6.87	6.54	7.28	7.23	7.19	4.93
Vermont	7.04	7.99	7.73	7.76	7.69	7.70	7.72	6.49
Virginia	10.05	9.95	9.47	9.37	9.34	10.99	10.85	7.57
Washington	9.17	9.18	9.04	9.04	9.05	8.72	7.33	6.01
West Virginia	7.14	6.71	6.58	6.38	^R 6.31	6.60	2.97	6.58
Wisconsin	5.56	6.34	8.21	8.31	7.87	8.30	11.11	6.32
Wyoming	9.55	8.67	11.04	11.72	10.00	8.00	6.96	5.27
Total	7.92	8.54	9.21	9.01	9.14	9.80	9.54	6.59

^R Revised Data.

NA Not Available.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for

discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				July	June	May	April	March
Alabama	4.28	7.30	4.04	3.87	3.93	4.63	4.24	4.13
Alaska	NA	1.57	1.39	1.58	NA	1.62	1.64	1.66
Arizona	5.28	5.95	4.09	4.92	4.57	4.95	5.51	5.29
Arkansas	4.89	7.00	4.77	5.03	5.01	5.05	4.28	4.63
California	4.92	9.79	4.48	4.64	4.55	4.95	5.60	4.38
Colorado	NA	4.36	3.22	2.48	2.59	2.88	3.76	3.08
Connecticut	4.82	7.89	5.26	4.12	4.85	4.86	4.15	4.94
Delaware	NA	7.27	4.45	6.29	NA	5.47	6.16	6.11
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.46	7.76	5.21	4.82	5.12	4.84	4.29	4.97
Georgia	4.78	7.52	4.37	4.85	5.42	7.25	5.01	3.81
Hawaii	9.90	11.30	9.35	10.22	10.63	9.97	9.66	9.85
Idaho	NA	5.97	3.63	NA	7.48	7.78	7.75	8.07
Illinois	4.84	6.19	4.52	4.97	5.98	5.91	4.82	4.40
Indiana	6.29	NA	4.78	5.47	6.17	7.63	7.18	4.60
Iowa	4.61	NA	4.38	5.01	5.17	5.17	4.27	4.73
Kansas	4.04	5.95	3.83	3.83	3.88	3.99	4.00	4.02
Kentucky	4.43	7.36	3.87	4.10	4.22	4.46	4.54	4.11
Louisiana	NA	5.88	3.24	3.52	NA	3.64	^R 3.52	^R 3.06
Maine	4.45	9.25	3.81	4.39	4.41	4.93	4.43	3.73
Maryland	NA	10.79	7.14	9.00	NA	6.57	7.90	6.21
Massachusetts	NA	10.78	6.72	NA	10.43	11.38	NA	NA
Michigan	NA	4.51	3.72	NA	5.09	4.93	4.81	4.97
Minnesota	NA	6.44	3.66	NA	4.88	3.96	4.54	3.50
Mississippi	4.13	6.78	3.91	4.19	4.25	4.28	4.52	3.83
Missouri	5.58	8.79	4.84	6.29	5.92	5.94	5.89	5.00
Montana	3.85	5.30	6.63	4.57	3.74	3.41	3.58	3.72
Nebraska	3.96	6.73	4.06	4.04	3.64	4.33	4.36	3.90
Nevada	7.34	6.76	4.50	9.01	6.63	7.03	6.73	7.85
New Hampshire	NA	10.80	5.51	6.81	5.53	7.81	NA	NA
New Jersey	3.92	6.84	4.37	4.42	4.69	4.58	3.50	3.35
New Mexico	4.01	6.66	3.35	3.77	3.96	3.89	^R 3.43	^R 3.94
New York	5.90	8.82	5.34	5.37	5.20	5.59	5.75	6.25
North Carolina	4.24	7.53	4.55	4.73	4.67	3.85	2.59	4.06
North Dakota	3.80	6.66	3.39	3.83	3.92	5.30	4.49	6.24
Ohio	NA	9.44	4.51	NA	5.56	5.34	6.14	5.97
Oklahoma	NA	8.24	4.69	7.07	6.39	6.04	7.61	NA
Oregon	7.24	5.83	4.59	6.74	7.06	7.23	7.15	7.29
Pennsylvania	7.02	8.11	4.69	6.10	5.95	6.24	7.07	7.50
Rhode Island	5.82	7.13	4.36	4.91	4.67	6.88	5.75	5.87
South Carolina	4.21	6.71	4.37	4.54	4.50	4.59	4.45	3.79
South Dakota	4.19	6.90	3.60	4.52	4.53	4.41	4.06	4.08
Tennessee	5.14	7.69	4.66	4.57	4.88	5.27	5.17	5.31
Texas	3.14	5.52	3.24	3.46	3.48	3.57	^R 2.95	^R 2.80
Utah	NA	5.59	3.34	NA	4.05	4.34	4.63	4.59
Vermont	4.32	5.69	2.72	4.19	4.23	4.41	4.08	4.36
Virginia	4.56	7.89	4.79	3.88	4.40	4.10	4.79	4.98
Washington	NA	5.76	3.76	NA	NA	4.34	4.98	4.88
West Virginia	NA	5.84	4.18	4.73	5.13	4.56	4.79	3.86
Wisconsin	5.26	7.88	4.47	5.19	5.95	4.82	5.63	4.99
Wyoming	4.66	7.32	3.56	4.21	4.69	4.60	4.73	4.71
Total	3.80	6.17	3.80	3.77	3.88	4.01	^R 3.61	^R 3.75

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2002		2001					
	February	January	Total	December	November	October	September	August
Alabama	4.44	4.62	6.19	4.49	4.72	4.20	4.48	5.15
Alaska	1.68	2.18	1.66	1.86	1.79	1.82	1.76	1.75
Arizona	5.63	5.75	5.78	5.92	5.70	4.96	5.09	5.73
Arkansas	5.00	5.17	6.56	5.91	6.00	5.52	5.73	5.72
California	4.65	5.67	7.74	4.38	3.98	3.85	4.50	5.52
Colorado	2.96	NA	3.86	2.82	3.01	2.37	3.54	3.92
Connecticut	5.16	5.18	6.60	5.69	4.91	4.50	5.05	4.48
Delaware	6.02	6.58	6.87	6.13	5.70	6.21	6.31	6.56
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.46	4.44	6.93	4.13	4.40	5.53	5.89	5.85
Georgia	3.59	3.83	6.10	3.49	4.40	3.09	3.94	4.35
Hawaii	10.48	8.59	11.11	10.56	10.76	11.18	10.62	10.89
Idaho	7.65	7.64	6.58	8.96	7.33	7.26	8.17	6.90
Illinois	4.66	4.21	5.55	4.36	3.56	3.70	4.35	4.79
Indiana	6.20	7.62	NA	3.52	7.38	4.05	NA	8.79
Iowa	4.31	4.29	NA	NA	4.22	3.83	5.09	5.39
Kansas	4.86	^R 5.22	4.83	3.89	3.02	3.18	4.12	4.49
Kentucky	4.65	4.83	6.40	4.73	5.05	4.74	4.25	5.06
Louisiana	2.90	3.22	4.77	3.25	3.61	3.03	3.54	3.88
Maine	—	7.25	8.33	4.60	4.42	5.75	8.25	6.65
Maryland	7.63	NA	9.12	6.98	7.44	6.26	6.69	7.07
Massachusetts	8.52	8.29	NA	NA	8.11	6.99	9.95	9.47
Michigan	5.01	4.93	4.66	5.00	5.05	5.02	5.05	5.11
Minnesota	3.57	3.85	5.22	4.18	4.05	2.51	3.71	3.74
Mississippi	3.72	4.20	NA	3.74	NA	3.82	3.97	4.36
Missouri	5.29	5.97	7.23	2.64	7.32	7.58	7.48	8.01
Montana	3.90	4.30	5.30	4.80	4.96	5.94	6.72	6.72
Nebraska	3.57	4.05	5.74	4.02	4.08	3.31	3.84	4.41
Nevada	6.91	7.71	NA	1.96	9.37	9.11	NA	NA
New Hampshire	NA	6.06	7.72	4.60	4.93	3.71	4.59	5.80
New Jersey	3.90	3.35	5.40	4.45	3.41	3.57	3.95	3.85
New Mexico	^R 4.74	^R 4.87	5.82	2.52	2.81	2.96	3.31	4.52
New York	6.41	6.26	7.80	6.61	5.25	5.04	6.70	4.73
North Carolina	5.44	4.77	NA	4.14	4.38	NA	5.82	5.24
North Dakota	2.22	1.17	5.28	3.37	4.05	2.51	3.11	3.82
Ohio	6.18	6.63	8.68	6.81	6.53	7.53	8.90	6.94
Oklahoma	6.89	7.05	7.86	6.79	6.61	7.33	6.59	6.82
Oregon	7.38	7.40	6.10	7.26	7.26	6.63	5.72	5.59
Pennsylvania	7.44	7.57	7.47	6.74	7.26	4.97	6.14	5.81
Rhode Island	6.70	6.85	6.54	6.46	5.63	4.84	5.74	5.89
South Carolina	3.46	4.11	5.46	3.96	4.54	3.35	3.86	4.33
South Dakota	4.10	4.14	^R 6.08	^R 4.05	4.06	4.26	5.01	5.09
Tennessee	5.12	5.36	NA	5.09	NA	4.89	5.63	5.60
Texas	^R 2.39	^R 2.84	^R 4.45	^R 2.73	^R 3.20	^R 2.34	^R 2.65	^R 3.44
Utah	4.74	4.96	5.28	4.91	5.05	4.26	4.93	4.99
Vermont	4.40	4.46	5.09	4.23	4.30	4.41	4.36	4.39
Virginia	4.79	4.82	NA	5.27	NA	NA	5.51	4.10
Washington	NA	4.81	NA	4.43	4.97	NA	4.00	3.49
West Virginia	3.78	NA	^R 3.80	2.85	2.84	2.78	3.54	3.70
Wisconsin	4.99	5.52	6.75	5.21	5.53	3.30	4.04	4.59
Wyoming	4.75	4.78	7.08	5.48	5.09	7.76	7.82	8.01
Total	^R3.64	^R3.93	^R5.16	^R3.63	^R3.93	^R3.24	^R3.52	^R3.98

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							2000
	July	June	May	April	March	February	January	Total
Alabama	5.42	5.62	6.67	7.16	6.75	8.73	9.81	4.67
Alaska	1.74	1.49	1.52	1.51	1.55	1.55	1.56	1.51
Arizona	4.60	5.58	5.78	5.93	5.97	6.74	8.07	4.40
Arkansas	6.16	5.90	6.57	5.55	7.17	7.67	8.42	5.23
California	6.07	8.32	8.86	11.74	11.68	11.11	8.95	5.30
Colorado	3.95	4.12	3.50	4.02	3.98	4.91	6.10	3.49
Connecticut	3.03	6.10	7.02	8.05	8.18	11.55	9.87	5.96
Delaware	6.67	6.91	8.22	7.38	11.56	4.62	7.39	5.03
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.79	6.41	8.02	8.40	8.16	7.85	8.13	5.82
Georgia	4.70	5.31	6.06	6.27	7.80	9.75	10.30	4.83
Hawaii	11.07	11.17	11.23	11.08	11.04	11.84	11.65	10.17
Idaho	6.66	6.37	6.59	6.89	6.35	5.56	4.87	4.02
Illinois	2.03	3.90	2.71	5.17	7.02	9.57	10.59	5.81
Indiana	NA	8.72	9.74	9.41	12.41	8.09	8.85	5.00
Iowa	NA	8.02	6.30	7.87	9.41	8.36	9.46	5.49
Kansas	4.77	5.15	6.04	7.03	7.49	10.27	8.66	4.01
Kentucky	5.53	5.85	6.26	7.23	7.76	8.16	8.35	4.82
Louisiana	4.00	4.51	5.07	5.49	5.32	6.61	9.56	4.02
Maine	8.06	7.98	8.00	9.16	9.43	10.22	9.22	4.10
Maryland	7.38	9.40	9.60	10.06	10.79	15.14	12.19	7.86
Massachusetts	8.94	9.06	10.33	12.69	13.84	9.71	9.44	7.47
Michigan	5.19	5.63	5.62	4.30	4.36	4.30	4.25	3.87
Minnesota	3.81	4.32	5.57	6.24	6.02	6.78	11.91	4.45
Mississippi	4.81	4.58	6.05	6.08	6.44	6.95	11.40	4.66
Missouri	7.94	8.37	8.57	9.09	9.76	10.22	7.63	5.71
Montana	6.22	6.05	5.08	4.91	5.01	6.10	4.75	7.43
Nebraska	4.28	4.76	5.36	6.77	7.16	8.59	7.53	4.74
Nevada	6.93	7.41	7.39	6.86	7.32	7.27	5.46	5.11
New Hampshire	8.22	9.55	8.00	10.92	12.66	11.42	11.24	6.18
New Jersey	5.39	5.70	6.34	6.55	7.24	9.50	8.29	5.15
New Mexico	4.27	4.23	6.52	8.04	6.95	7.37	3.72	4.39
New York	5.10	7.45	8.36	8.11	9.21	11.05	9.65	6.13
North Carolina	5.48	5.25	5.87	6.80	6.40	12.01	9.84	5.31
North Dakota	3.68	4.50	5.47	5.83	5.81	7.08	9.82	4.18
Ohio	7.92	11.26	7.57	10.19	10.29	11.06	7.83	5.12
Oklahoma	9.11	8.18	7.97	7.90	7.89	7.90	8.85	5.30
Oregon	5.53	5.59	5.79	5.80	5.86	5.93	6.21	4.93
Pennsylvania	6.23	6.89	7.40	8.59	9.19	7.43	8.99	5.03
Rhode Island	5.22	5.70	7.11	7.24	7.40	7.99	9.03	5.38
South Carolina	4.50	5.11	6.30	6.61	6.64	7.97	10.41	4.93
South Dakota	5.13	^R 5.62	5.89	5.66	6.42	8.75	^R 7.83	4.38
Tennessee	5.80	6.44	6.81	7.04	7.40	10.26	8.58	5.08
Texas	^R 3.43	^R 3.88	^R 4.81	^R 5.38	^R 5.26	6.31	9.14	4.10
Utah	4.89	4.42	5.14	5.52	5.88	6.18	6.58	3.93
Vermont	4.71	4.87	5.03	4.71	5.44	6.38	8.41	2.99
Virginia	5.01	4.89	5.61	6.14	8.56	9.60	10.11	5.23
Washington	4.72	6.58	5.25	5.73	3.76	6.71	7.42	4.04
West Virginia	3.87	4.35	5.76	6.36	^R 5.41	6.69	8.68	4.46
Wisconsin	4.55	6.09	6.87	7.75	7.04	7.61	11.36	5.45
Wyoming	8.06	7.52	7.92	7.65	7.39	6.77	6.77	4.07
Total	^R4.08	^R4.66	^R5.32	^R6.02	^R6.21	^R7.17	8.60	4.48

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers

reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 24. Average Price of Natural Gas Delivered to Electric Utility^a Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				
				June	May	April	March	February
Alabama	NA	6.21	4.56	NA	^R 3.82	3.75	3.07	2.44
Alaska	NA	2.20	1.67	NA	^R 2.38	2.46	2.77	2.57
Arizona	NA	5.67	3.72	NA	^R 3.23	3.29	3.45	2.66
Arkansas	NA	6.24	3.52	NA	^R 4.16	3.69	3.82	2.66
California	NA	11.08	3.83	NA	^R 3.80	4.09	4.42	4.58
Colorado	NA	5.01	3.18	NA	^R 2.68	3.03	3.01	2.67
Connecticut	NA	—	—	NA	—	—	—	—
Delaware	NA	6.55	4.81	NA	^R 4.12	3.86	3.86	3.05
District of Columbia	NA	—	—	NA	—	—	—	—
Florida	NA	6.51	3.76	NA	^R 4.30	4.27	3.64	3.29
Georgia	NA	5.06	4.08	NA	^R 2.81	3.86	3.66	2.70
Hawaii	NA	—	—	NA	—	—	—	—
Idaho	NA	—	—	NA	—	—	—	—
Illinois	NA	5.57	3.82	NA	^R 5.71	4.34	3.19	3.14
Indiana	NA	6.71	4.02	NA	^R 6.35	3.25	3.25	3.07
Iowa	NA	5.97	3.75	NA	^R 4.20	4.34	3.18	2.91
Kansas	NA	5.22	3.22	NA	^R 3.39	3.45	2.94	2.27
Kentucky	NA	6.87	5.48	NA	^R 4.05	5.70	4.61	3.97
Louisiana	NA	6.03	3.50	NA	^R 3.84	3.77	3.18	2.49
Maine	NA	—	—	NA	—	—	—	—
Maryland	NA	—	4.28	NA	—	—	—	—
Massachusetts	NA	5.61	3.90	NA	^R 4.04	4.02	3.89	3.26
Michigan	NA	4.06	2.67	NA	^R 2.02	3.38	2.10	2.64
Minnesota	NA	6.01	3.55	NA	^R 3.66	3.96	2.55	4.16
Mississippi	NA	5.47	3.39	NA	^R 3.74	3.60	2.83	2.36
Missouri	NA	5.37	3.54	NA	^R 3.68	3.72	3.24	3.04
Montana	NA	7.98	4.20	NA	^R 4.90	4.98	4.82	4.68
Nebraska	NA	5.99	3.89	NA	^R 4.47	3.65	4.57	2.22
Nevada	NA	8.00	3.33	NA	^R 5.25	6.13	7.28	8.09
New Hampshire	NA	—	3.27	NA	^R 3.81	3.97	—	—
New Jersey	NA	—	4.18	NA	—	—	—	—
New Mexico	NA	5.39	3.06	NA	^R 3.15	3.13	3.47	2.91
New York	NA	6.61	4.02	NA	^R 3.94	3.86	3.26	2.83
North Carolina	NA	5.75	4.05	NA	^R 3.80	3.79	4.84	4.47
North Dakota	NA	6.31	—	NA	—	—	2.68	2.88
Ohio	NA	9.36	3.89	NA	^R 5.15	6.36	5.78	3.98
Oklahoma	NA	6.11	3.65	NA	^R 3.80	3.81	3.17	2.90
Oregon	NA	4.20	2.54	NA	^R 3.15	2.95	3.30	2.96
Pennsylvania	NA	7.85	3.55	NA	—	—	—	—
Rhode Island	NA	—	—	NA	—	—	—	—
South Carolina	NA	6.47	5.26	NA	—	4.29	4.48	6.12
South Dakota	NA	—	—	NA	—	—	—	—
Tennessee	NA	—	—	NA	—	—	—	—
Texas	NA	5.53	3.32	NA	^R 3.58	3.54	3.05	2.66
Utah	NA	5.02	3.33	NA	—	3.54	6.10	9.98
Vermont	NA	4.90	4.11	NA	—	—	3.13	2.73
Virginia	NA	6.82	3.97	NA	^R 5.58	5.55	7.43	11.52
Washington	NA	—	—	NA	—	—	—	—
West Virginia	NA	8.49	3.95	NA	^R 4.46	3.90	3.44	2.98
Wisconsin	NA	6.13	3.61	NA	^R 3.92	3.98	3.41	3.30
Wyoming	NA	4.30	4.12	NA	—	3.91	4.43	5.09
Total	NA	5.90	3.45	NA	^R3.73	3.85	3.40	3.10

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Electric Utility^a Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2002	2001						
	January	Total	December	November	October	September	August	July
Alabama	2.66	4.50	2.57	4.96	2.56	3.88	3.37	3.55
Alaska	2.57	2.37	2.60	2.59	2.66	2.45	2.46	2.44
Arizona	3.33	4.71	2.93	3.13	2.67	2.88	3.64	3.55
Arkansas	2.64	4.47	2.70	3.60	2.44	2.67	3.24	3.53
California	5.93	8.59	5.64	3.43	4.03	5.01	5.98	8.55
Colorado	2.95	3.86	2.73	3.42	2.36	2.87	2.82	2.78
Connecticut	—	—	—	—	—	—	—	—
Delaware	3.30	4.46	3.12	—	3.74	—	4.00	4.16
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.48	4.79	3.15	3.83	2.80	3.68	4.38	4.53
Georgia	8.67	3.61	3.52	—	2.55	2.45	3.26	3.13
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	3.23	4.01	3.04	2.14	2.85	4.35	3.76	4.81
Indiana	3.36	5.26	4.07	3.95	4.04	3.78	4.07	4.56
Iowa	3.44	4.48	3.66	3.82	2.69	3.13	3.57	3.97
Kansas	2.26	3.64	2.63	2.56	2.35	2.37	3.23	3.26
Kentucky	3.55	4.40	3.65	4.50	2.83	2.85	3.75	3.80
Louisiana	2.76	4.30	2.78	3.15	2.26	2.44	3.22	3.40
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	—	—	—	—
Massachusetts	3.23	3.71	3.30	3.20	2.82	2.81	3.57	3.43
Michigan	3.08	3.36	2.82	2.37	2.80	2.60	3.13	3.83
Minnesota	3.94	4.67	3.48	2.99	3.50	3.86	4.15	4.19
Mississippi	2.62	3.69	2.48	2.67	2.13	2.64	3.54	3.59
Missouri	3.19	4.67	3.01	3.02	2.90	4.62	5.01	4.80
Montana	4.89	7.20	4.85	5.07	5.44	5.34	6.26	7.66
Nebraska	3.12	4.52	3.66	4.34	2.53	3.78	3.82	3.83
Nevada	7.83	8.36	5.79	3.72	10.64	13.58	9.42	9.88
New Hampshire	—	2.56	—	—	2.55	2.47	3.54	—
New Jersey	—	3.21	3.58	3.03	3.03	—	—	—
New Mexico	2.68	4.21	2.56	2.99	2.31	2.80	3.21	3.40
New York	3.38	4.24	3.12	3.54	2.75	2.88	3.72	3.54
North Carolina	4.88	4.76	4.70	5.40	3.58	3.80	4.63	4.69
North Dakota	—	5.93	—	—	—	4.49	—	—
Ohio	5.95	8.33	5.77	4.37	6.30	9.74	6.51	8.52
Oklahoma	3.15	4.40	3.16	3.53	3.03	2.73	3.49	3.59
Oregon	3.36	3.80	3.85	3.62	3.23	3.20	3.25	3.32
Pennsylvania	—	7.85	—	—	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	4.13	4.87	5.73	5.85	2.34	5.68	5.84	6.63
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	2.74	4.26	2.84	3.07	2.53	2.70	3.46	3.49
Utah	11.71	4.97	—	10.12	6.67	3.96	3.64	3.69
Vermont	3.54	4.90	—	—	—	—	—	—
Virginia	8.92	4.39	3.52	—	—	3.06	4.05	4.15
Washington	—	—	—	—	—	—	—	—
West Virginia	4.66	5.96	2.97	4.07	5.44	4.07	4.25	4.81
Wisconsin	3.27	4.72	3.65	3.62	2.81	3.33	4.08	3.66
Wyoming	7.21	4.04	—	—	3.61	—	3.03	3.48
Total	3.39	4.51	3.11	3.31	2.79	3.15	3.73	3.84

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Electric Utility^a Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001						2000	
	June	May	April	March	February	January	Total	December
Alabama	5.21	5.08	5.88	6.26	6.05	9.75	4.52	1.18
Alaska	2.32	2.27	2.32	2.13	2.13	2.12	1.77	1.96
Arizona	3.94	4.46	5.35	5.69	6.76	9.53	4.86	8.65
Arkansas	4.16	5.24	6.68	5.49	6.31	8.88	4.46	10.81
California	8.26	10.64	10.04	10.33	14.57	12.35	5.88	19.91
Colorado	3.36	4.13	5.06	5.26	6.13	7.11	4.12	7.93
Connecticut	—	—	—	—	—	—	—	—
Delaware	4.76	—	7.55	6.94	7.43	10.46	4.92	11.14
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.81	5.93	6.35	5.59	8.91	10.87	4.50	6.63
Georgia	3.82	5.21	5.93	8.07	6.90	7.23	4.31	10.85
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	5.23	4.44	6.18	5.57	6.44	9.49	4.84	10.60
Indiana	4.67	5.85	6.05	6.80	7.98	7.71	4.56	7.71
Iowa	4.81	6.49	6.35	6.23	7.11	5.31	4.56	7.04
Kansas	3.89	4.51	5.33	5.78	6.06	9.10	4.18	8.79
Kentucky	4.45	8.53	—	7.18	8.24	10.32	5.08	7.22
Louisiana	4.06	5.03	5.82	5.65	6.88	10.07	4.55	8.97
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	—	—	4.62	—
Massachusetts	4.41	5.04	7.08	7.14	7.46	13.46	4.60	8.93
Michigan	4.52	5.08	5.03	5.32	5.11	1.33	2.77	2.81
Minnesota	4.80	4.66	5.74	5.31	7.83	11.79	4.54	6.52
Mississippi	4.07	4.77	5.52	5.37	6.38	10.26	4.01	9.29
Missouri	4.68	4.37	5.82	4.89	6.09	12.36	4.42	5.00
Montana	7.94	7.66	7.25	8.32	9.73	10.88	5.81	7.31
Nebraska	3.55	3.78	6.88	5.80	9.75	23.69	4.60	3.62
Nevada	7.06	7.04	6.24	7.60	9.05	10.52	4.86	11.56
New Hampshire	—	—	—	—	—	—	3.37	—
New Jersey	—	—	—	—	—	—	4.42	—
New Mexico	3.92	4.94	5.45	6.07	6.06	7.87	3.94	7.35
New York	4.43	5.31	6.12	6.32	8.12	17.03	4.68	10.22
North Carolina	5.34	6.06	7.81	—	—	—	4.43	8.79
North Dakota	—	6.28	—	6.52	—	—	—	—
Ohio	9.49	9.45	9.22	9.50	9.51	7.47	4.97	6.39
Oklahoma	4.14	5.41	6.07	6.42	6.23	10.20	4.54	7.76
Oregon	3.59	3.72	4.12	4.32	4.16	5.41	2.94	4.74
Pennsylvania	—	—	—	5.53	7.29	11.04	3.83	6.67
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	6.28	5.84	6.49	6.89	7.24	10.98	5.72	9.82
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	4.04	4.79	5.48	5.38	6.09	9.01	4.24	7.95
Utah	4.11	3.93	4.32	4.78	6.30	6.92	4.02	6.15
Vermont	4.67	4.63	5.84	5.84	7.69	—	4.91	7.05
Virginia	5.00	7.54	10.08	22.19	34.18	4.00	4.66	2.12
Washington	—	—	—	—	—	—	—	—
West Virginia	7.87	9.37	6.80	8.45	10.14	8.10	4.98	5.73
Wisconsin	4.65	5.66	6.07	5.88	6.57	8.65	4.48	7.23
Wyoming	2.66	3.71	4.06	5.06	4.91	5.00	3.92	4.22
Total	4.35	5.15	5.70	5.69	6.85	9.47	4.38	8.23

^a Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

^R Revised Data.

^{NA} Not Available.

— Not Applicable.

Notes: June 2002 data not available in time for publication. See box on

page one for more information. Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002

State	YTD 2002		YTD 2001		YTD 2000		2002	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	July	
							Commercial	Industrial
Alabama	77.5	17.3	80.6	14.4	82.6	21.7	70.5	16.2
Alaska	NA	NA	66.9	90.6	58.6	99.8	NA	80.6
Arizona	92.6	NA	92.4	54.1	83.5	38.1	89.2	NA
Arkansas	NA	NA	NA	7.7	89.2	7.8	NA	NA
California	67.4	3.7	62.3	3.2	58.2	5.8	61.8	4.4
Colorado	NA	NA	99.9	10.8	98.2	12.1	99.7	NA
Connecticut	NA	NA	76.6	52.9	77.9	42.2	77.1	33.6
Delaware	NA	NA	98.6	18.2	98.2	7.9	98.6	8.0
District of Columbia	22.3	—	26.9	—	40.1	—	17.6	—
Florida	41.9	1.2	55.4	2.7	69.0	4.6	36.2	1.3
Georgia	9.3	5.3	12.2	6.3	20.5	19.2	10.1	5.6
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	77.5	NA	87.6	2.4	87.8	2.9	79.5	NA
Illinois	39.1	NA	41.9	12.7	42.7	8.4	28.7	NA
Indiana	76.3	6.0	NA	NA	77.5	8.2	62.0	4.7
Iowa	79.4	6.0	83.9	NA	80.8	6.4	64.3	4.7
Kansas	60.4	6.9	64.0	5.6	61.4	9.6	46.3	13.8
Kentucky	74.5	15.8	82.3	16.6	86.3	19.3	68.9	15.9
Louisiana	NA	NA	96.3	8.4	96.8	11.7	NA	9.2
Maine	NA	NA	100.0	70.7	100.0	56.2	NA	NA
Maryland	NA	NA	36.2	7.4	37.2	5.3	19.9	4.1
Massachusetts	48.3	NA	60.9	17.4	62.9	14.5	40.3	NA
Michigan	66.4	NA	64.8	10.0	58.5	8.0	45.1	NA
Minnesota	NA	NA	98.6	40.7	96.7	38.4	82.8	NA
Mississippi	96.3	NA	93.6	26.1	95.8	26.0	96.6	NA
Missouri	78.0	16.3	83.6	15.3	81.7	17.0	67.5	8.3
Montana	74.4	2.5	76.9	2.5	71.2	2.0	66.8	0.9
Nebraska	59.2	15.0	62.4	18.6	60.7	13.7	61.0	6.2
Nevada	85.0	5.9	68.1	4.8	54.3	5.7	63.4	18.6
New Hampshire	NA	NA	90.1	27.3	90.2	37.4	64.7	NA
New Jersey	49.0	39.6	61.1	41.3	53.8	46.8	29.1	16.7
New Mexico	66.6	NA	63.2	19.1	57.6	14.9	60.0	17.4
New York	41.5	NA	48.9	3.0	35.3	3.5	21.1	13.8
North Carolina	90.5	35.5	96.2	33.6	97.6	56.3	86.6	44.4
North Dakota	NA	12.6	90.1	9.4	88.5	16.8	80.6	7.7
Ohio	35.2	NA	42.6	3.8	45.7	5.8	25.3	NA
Oklahoma	NA	NA	73.0	3.7	73.6	4.0	59.0	1.2
Oregon	94.9	13.8	99.7	15.3	98.8	12.6	97.4	9.8
Pennsylvania	56.2	5.1	64.9	9.8	59.6	11.1	43.2	3.9
Rhode Island	NA	2.9	62.0	3.3	56.2	6.2	45.1	61.9
South Carolina	98.3	83.2	97.5	81.4	99.1	87.2	99.0	86.6
South Dakota	NA	NA	85.0	45.7	81.9	33.8	68.7	14.6
Tennessee	NA	NA	93.3	21.0	93.4	38.6	73.2	19.5
Texas	85.0	39.5	78.4	30.5	77.7	28.8	89.1	39.5
Utah	84.3	NA	85.5	10.3	83.7	9.9	69.4	NA
Vermont	100.0	76.9	100.0	77.3	100.0	83.8	100.0	68.8
Virginia	61.3	11.8	71.7	10.1	64.9	13.7	52.2	10.8
Washington	NA	NA	93.9	19.4	94.8	26.5	NA	NA
West Virginia	35.9	NA	70.4	8.0	55.9	7.1	11.0	11.8
Wisconsin	75.0	19.3	76.8	20.3	78.8	21.4	51.4	11.1
Wyoming	NA	NA	88.2	4.5	90.3	2.9	NA	1.4
Total	61.9	18.8	66.9	16.3	63.1	18.2	47.8	17.8

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2002							
	June		May		April		March	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	72.2	15.2	72.0	14.2	78.1	15.7	81.8	17.7
Alaska	70.7	NA	NA	81.3	61.6	99.4	61.5	99.2
Arizona	89.6	45.9	90.3	45.2	92.1	51.2	93.2	64.1
Arkansas	NA	2.7	NA	2.8	NA	2.8	NA	4.1
California	64.2	4.6	64.5	6.2	68.0	5.8	72.1	6.7
Colorado	99.5	NA	99.6	NA	NA	NA	99.5	0.1
Connecticut	^R 73.8	46.1	71.2	48.8	61.2	NA	85.2	NA
Delaware	98.4	NA	98.3	14.7	NA	NA	NA	NA
District of Columbia	19.9	—	20.8	—	21.6	—	22.6	—
Florida	38.2	1.6	39.2	1.4	40.4	1.4	43.7	1.6
Georgia	11.0	5.4	10.1	5.0	11.7	5.5	9.8	4.8
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	76.2	1.9	79.0	0.9	73.2	2.4	75.6	2.6
Illinois	27.3	6.8	34.6	7.2	37.9	9.8	41.0	10.6
Indiana	68.6	5.5	81.5	4.7	75.9	5.7	78.9	9.0
Iowa	67.3	4.7	77.1	4.6	83.2	6.2	80.7	7.6
Kansas	51.1	9.5	53.6	7.3	62.7	7.3	63.1	3.7
Kentucky	71.3	14.5	71.5	13.7	72.6	16.2	68.0	17.6
Louisiana	NA	NA	NA	9.6	NA	^R 12.5	NA	^R 12.8
Maine	37.8	NA	NA	NA	NA	100.0	50.2	100.0
Maryland	NA	NA	25.1	3.1	20.3	4.0	29.7	2.4
Massachusetts	34.3	30.8	39.1	33.0	46.7	NA	56.4	NA
Michigan	54.5	5.6	58.1	8.0	65.5	11.1	76.1	13.7
Minnesota	86.4	23.6	91.8	41.5	84.2	30.7	NA	39.1
Mississippi	96.7	25.9	95.8	22.9	95.0	26.9	96.1	27.2
Missouri	70.1	8.8	53.9	9.1	82.2	14.1	85.8	23.0
Montana	66.0	1.3	69.8	2.1	73.2	2.4	81.8	3.7
Nebraska	51.2	20.6	50.1	12.7	51.5	15.0	58.7	25.4
Nevada	84.5	41.8	84.5	46.0	86.0	39.6	87.3	60.8
New Hampshire	NA	51.9	75.7	38.7	NA	NA	84.2	NA
New Jersey	36.9	17.6	29.3	18.0	49.7	20.7	53.8	20.2
New Mexico	61.4	NA	50.5	15.9	54.0	^R 11.9	63.7	^R 8.8
New York	29.0	8.7	36.8	9.5	44.4	NA	48.4	8.5
North Carolina	87.4	43.3	87.0	44.2	89.7	39.1	90.6	27.0
North Dakota	81.8	7.3	52.1	10.9	91.9	14.8	NA	18.1
Ohio	25.7	1.5	30.0	1.2	34.8	3.1	33.8	3.3
Oklahoma	^R 62.2	NA	^R 59.8	2.2	73.4	3.1	^R 81.5	NA
Oregon	97.9	10.8	98.4	12.3	98.5	18.9	98.9	19.9
Pennsylvania	44.0	4.5	47.1	4.7	54.9	4.8	57.7	5.7
Rhode Island	50.8	82.2	51.3	55.4	56.4	67.9	NA	62.9
South Carolina	98.6	82.4	100.0	85.4	99.7	82.6	97.0	78.8
South Dakota	74.0	20.1	80.0	37.9	85.3	43.1	89.3	36.7
Tennessee	NA	NA	85.1	23.5	91.4	22.1	91.9	28.6
Texas	89.3	40.8	89.3	41.8	73.4	^R 48.7	75.3	^R 29.5
Utah	73.3	NA	72.9	13.1	78.5	94.6	90.3	93.6
Vermont	100.0	68.9	100.0	74.5	100.0	79.8	100.0	80.2
Virginia	^R 51.6	9.8	58.7	14.2	58.9	14.2	61.8	18.5
Washington	NA	NA	92.4	29.5	^R 92.5	36.0	^R 93.5	30.7
West Virginia	15.0	10.3	21.7	15.8	37.4	18.7	44.5	14.4
Wisconsin	60.2	13.3	69.1	16.9	74.9	19.2	78.9	23.6
Wyoming	91.7	1.3	96.1	2.0	92.1	NA	89.4	2.9
Total	^R52.5	20.5	57.0	19.7	^R60.3	^R22.5	^R65.6	^R17.3

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2002				2001			
	February		January		Total		December	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	80.9	17.5	76.0	19.0	77.9	14.6	72.3	13.9
Alaska	58.9	99.2	59.8	99.3	66.1	89.7	63.9	99.4
Arizona	94.8	53.9	94.9	68.9	93.1	55.6	96.0	63.8
Arkansas	65.5	3.5	NA	4.7	NA	6.7	NA	6.0
California	69.0	7.4	69.2	6.1	62.9	3.1	68.3	5.1
Colorado	99.2	—	89.0	NA	99.9	11.8	100.0	0.2
Connecticut	NA	56.4	72.0	39.4	76.1	56.6	84.0	50.2
Delaware	98.1	13.3	97.6	12.6	98.5	16.5	98.1	16.7
District of Columbia	23.8	—	23.8	—	25.8	—	25.5	—
Florida	44.6	2.5	47.7	1.6	50.5	2.2	44.5	3.0
Georgia	8.1	6.3	8.5	5.7	11.0	5.9	7.3	6.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	78.6	2.8	79.9	2.6	83.9	2.2	79.4	2.4
Illinois	43.1	10.7	41.3	11.3	40.0	NA	41.4	NA
Indiana	76.2	7.2	76.9	7.5	NA	NA	81.3	9.1
Iowa	82.4	4.6	79.6	8.3	NA	NA	NA	NA
Kansas	64.0	2.8	60.9	^R 2.7	60.5	7.7	54.7	3.6
Kentucky	77.1	16.9	81.9	16.6	80.1	15.9	75.0	14.4
Louisiana	66.0	9.2	61.2	8.3	NA	8.5	96.1	8.7
Maine	53.3	—	57.4	100.0	100.0	44.7	100.0	7.6
Maryland	34.0	4.5	36.3	NA	33.5	NA	37.5	NA
Massachusetts	50.2	55.1	55.3	29.3	56.3	NA	45.7	NA
Michigan	68.7	12.9	68.5	14.0	63.3	8.6	68.3	11.6
Minnesota	90.8	16.0	93.2	21.3	98.2	40.6	95.6	39.6
Mississippi	95.9	29.5	97.4	27.4	^R 94.1	NA	95.1	28.3
Missouri	80.4	24.4	80.1	21.4	80.3	15.3	77.6	31.3
Montana	73.6	3.0	74.6	3.1	76.8	2.2	81.5	3.0
Nebraska	57.5	16.6	75.0	19.4	61.4	16.6	55.2	16.7
Nevada	88.7	46.5	88.0	60.0	73.2	7.8	88.9	77.6
New Hampshire	84.0	NA	84.5	32.1	84.7	32.0	80.9	41.3
New Jersey	55.3	21.4	59.7	27.2	59.0	43.8	58.7	21.1
New Mexico	75.9	^R 4.9	78.2	^R 4.3	66.3	17.3	76.1	11.4
New York	49.3	14.2	50.4	8.9	43.9	2.6	51.8	9.6
North Carolina	91.6	25.1	92.7	29.9	93.3	28.7	89.2	27.9
North Dakota	92.8	15.4	93.3	14.4	90.2	9.9	93.2	18.0
Ohio	37.1	3.3	41.3	3.5	40.8	3.3	39.5	3.0
Oklahoma	74.5	4.9	NA	5.4	70.4	3.4	77.1	3.7
Oregon	98.9	20.4	83.7	18.5	99.3	15.6	99.0	21.7
Pennsylvania	60.4	6.8	62.7	7.3	62.8	8.5	61.4	6.7
Rhode Island	61.1	48.3	NA	53.4	58.0	2.9	52.4	100.0
South Carolina	97.2	81.9	98.4	84.6	96.6	79.9	96.2	81.3
South Dakota	85.3	50.0	NA	NA	NA	^R 41.9	NA	^R 44.3
Tennessee	93.7	24.4	88.5	26.4	91.8	19.8	91.5	21.1
Texas	90.8	^R 31.0	91.9	^R 29.4	^R 80.9	^R 30.7	88.0	^R 29.7
Utah	87.1	94.8	87.3	94.4	84.6	10.5	86.2	94.0
Vermont	100.0	79.9	100.0	79.3	100.0	76.0	100.0	79.2
Virginia	66.0	19.8	64.4	14.1	67.5	NA	65.5	9.2
Washington	^R 93.6	NA	^R 73.2	37.1	94.0	NA	97.3	45.7
West Virginia	51.0	14.2	45.8	NA	^R 60.4	15.4	37.1	64.3
Wisconsin	78.5	21.5	78.4	23.2	76.3	18.9	83.6	21.9
Wyoming	91.4	2.0	83.0	1.8	86.0	4.1	96.0	2.7
Total	^R65.6	^R17.1	66.8	^R17.1	^R65.0	^R16.1	67.1	^R16.8

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001							
	November		October		September		August	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	71.1	14.0	72.1	11.5	70.8	13.5	71.8	13.8
Alaska	64.6	99.3	62.1	94.9	68.9	94.4	71.6	89.8
Arizona	94.1	64.2	94.5	63.0	93.4	54.9	91.6	45.8
Arkansas	NA	6.0	NA	6.3	NA	4.5	NA	4.3
California	63.5	5.3	64.0	5.2	60.8	4.1	60.6	4.3
Colorado	100.0	0.5	100.0	0.6	100.0	2.3	100.0	3.7
Connecticut	68.6	60.2	71.2	75.6	73.9	60.4	71.6	63.5
Delaware	98.0	15.3	98.4	12.1	98.8	14.6	98.5	12.0
District of Columbia	22.5	—	21.4	—	19.2	—	27.1	—
Florida	40.7	2.3	40.7	1.9	41.7	1.7	45.5	2.3
Georgia	10.5	6.1	7.4	5.5	9.9	5.5	12.0	5.4
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	76.0	1.9	69.3	1.6	75.9	1.6	78.7	1.8
Illinois	36.0	9.8	36.0	8.0	30.9	7.3	27.5	5.6
Indiana	72.1	5.9	68.9	7.4	NA	NA	NA	0.8
Iowa	75.9	9.5	71.7	6.9	60.1	4.4	81.7	4.4
Kansas	46.7	6.6	48.0	6.4	53.5	14.0	50.3	18.8
Kentucky	79.1	13.8	73.5	16.5	71.6	14.6	75.0	14.6
Louisiana	96.3	9.2	96.0	7.9	NA	8.4	96.3	8.9
Maine	100.0	20.1	100.0	32.9	100.0	19.1	100.0	41.5
Maryland	27.6	5.5	28.7	NA	18.0	5.3	21.8	5.3
Massachusetts	50.7	28.8	42.1	18.0	45.1	17.8	45.5	9.9
Michigan	61.7	9.3	57.2	7.0	49.2	5.8	40.1	5.6
Minnesota	98.0	32.2	98.5	50.4	98.7	36.5	97.6	44.4
Mississippi	^R 94.9	NA	95.8	20.4	96.2	28.0	93.6	29.4
Missouri	71.0	11.6	67.9	9.3	67.2	9.0	65.4	7.3
Montana	75.4	1.9	75.0	1.2	67.7	1.0	69.8	0.1
Nebraska	59.0	10.6	69.3	17.7	58.1	11.8	61.3	11.4
Nevada	85.2	45.9	82.9	39.3	71.1	33.4	70.4	36.7
New Hampshire	81.8	56.5	51.6	32.2	52.6	31.6	45.6	21.3
New Jersey	56.1	15.6	53.2	16.8	45.5	20.5	46.0	15.5
New Mexico	87.7	10.8	61.4	9.7	63.6	12.3	64.4	11.7
New York	48.1	15.5	37.6	4.8	22.8	4.2	22.7	10.2
North Carolina	87.5	20.3	84.8	14.3	86.9	19.9	86.1	17.9
North Dakota	90.9	13.5	89.2	12.2	84.5	8.1	84.1	4.8
Ohio	41.0	2.5	36.7	2.3	24.8	0.5	27.2	2.1
Oklahoma	62.7	3.4	56.7	2.1	50.7	2.6	49.2	2.5
Oregon	100.0	20.8	100.0	21.4	89.9	23.7	99.3	27.1
Pennsylvania	59.2	5.9	55.4	7.3	52.9	6.5	54.5	6.0
Rhode Island	49.4	100.0	41.9	100.0	47.3	100.0	46.2	100.0
South Carolina	95.8	79.2	92.1	76.2	93.6	77.5	95.8	77.8
South Dakota	82.0	^R 45.3	80.2	^R 33.1	75.6	^R 23.9	75.3	^R 26.3
Tennessee	88.4	18.2	85.5	15.5	86.3	18.7	82.8	17.5
Texas	84.7	^R 30.3	^R 83.7	^R 31.1	^R 85.4	^R 32.5	^R 82.6	^R 30.1
Utah	83.2	94.1	80.7	94.8	78.3	94.8	76.5	95.3
Vermont	100.0	76.2	100.0	73.7	100.0	71.0	100.0	68.1
Virginia	60.1	NA	61.3	NA	54.8	10.1	51.6	8.1
Washington	93.5	31.5	93.8	NA	88.3	34.6	87.4	34.8
West Virginia	67.8	29.5	32.8	9.6	48.7	6.7	49.2	10.1
Wisconsin	75.8	18.9	73.0	15.0	60.2	10.3	56.6	11.7
Wyoming	64.8	3.2	85.5	3.4	89.6	2.9	79.2	2.9
Total	63.8	^R16.3	^R59.1	^R15.6	^R52.6	^R15.7	^R53.6	^R15.0

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001							
	July		June		May		April	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	71.7	13.3	70.7	13.3	73.3	10.0	80.6	12.0
Alaska	70.6	90.6	73.2	92.8	65.6	97.2	65.7	99.7
Arizona	92.8	65.5	93.9	56.8	92.7	53.9	89.3	51.4
Arkansas	NA	6.2	NA	5.5	86.8	7.4	NA	5.2
California	60.1	4.2	66.5	5.0	63.0	5.8	52.2	6.7
Colorado	100.0	3.9	100.0	1.0	100.0	0.8	100.0	0.2
Connecticut	77.8	37.6	83.8	46.8	77.5	61.3	73.1	52.8
Delaware	100.0	15.2	98.4	20.9	98.5	15.2	98.7	13.4
District of Columbia	19.0	—	21.3	—	23.9	—	24.1	—
Florida	46.3	1.4	49.5	4.6	53.4	4.2	57.7	3.5
Georgia	11.0	5.1	13.3	6.2	13.3	6.2	15.4	5.6
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	78.4	1.5	82.0	1.6	85.7	1.9	86.4	2.1
Illinois	30.0	5.4	29.0	6.2	33.6	6.6	40.4	8.2
Indiana	NA	NA	NA	3.3	NA	3.8	78.9	6.3
Iowa	71.3	NA	71.5	2.7	69.7	6.0	77.2	4.7
Kansas	52.0	15.6	52.9	7.9	55.4	6.4	67.1	2.4
Kentucky	71.5	14.6	63.9	13.3	73.6	15.0	75.6	11.6
Louisiana	96.2	8.9	96.4	6.7	96.5	7.7	96.7	8.2
Maine	100.0	50.8	100.0	46.2	100.0	38.2	100.0	91.0
Maryland	22.4	8.3	23.3	3.8	24.7	5.7	31.2	6.1
Massachusetts	49.0	13.5	45.7	19.6	48.7	22.7	61.8	25.2
Michigan	41.6	5.0	48.3	5.1	57.8	8.3	62.6	12.5
Minnesota	98.8	38.8	99.4	38.8	97.6	35.3	98.6	41.4
Mississippi	93.4	25.9	93.9	31.9	92.5	24.3	95.1	31.8
Missouri	67.9	8.9	69.8	9.5	71.6	10.4	82.6	13.5
Montana	68.6	0.9	69.0	1.9	68.7	2.3	75.1	2.6
Nebraska	60.6	7.3	56.1	14.9	51.4	17.6	53.7	18.7
Nevada	82.0	36.5	54.8	11.8	58.0	12.0	64.2	18.1
New Hampshire	84.0	10.0	88.6	13.4	82.5	21.4	92.1	60.2
New Jersey	47.5	18.6	47.3	19.5	50.9	21.2	60.4	21.9
New Mexico	62.4	3.8	60.1	5.3	60.6	5.5	48.5	47.9
New York	23.0	9.2	30.9	10.0	34.7	10.4	54.2	11.2
North Carolina	87.1	21.3	88.3	25.3	93.5	28.6	96.1	30.0
North Dakota	83.8	1.1	82.0	5.6	85.8	5.9	88.9	8.3
Ohio	26.9	0.7	28.0	1.5	27.2	1.7	40.5	2.8
Oklahoma	43.7	1.5	59.8	2.0	61.9	1.8	72.4	3.2
Oregon	99.2	23.8	99.2	21.0	99.2	20.8	99.4	20.5
Pennsylvania	57.4	6.4	58.3	4.0	58.5	6.2	62.3	8.2
Rhode Island	44.1	100.0	52.6	100.0	60.2	100.0	63.9	100.0
South Carolina	94.9	77.9	96.0	77.4	96.5	76.5	97.4	81.5
South Dakota	69.2	^R 28.4	78.2	^R 32.5	83.9	^R 34.9	84.1	^R 50.5
Tennessee	85.4	17.6	87.5	20.0	88.2	18.1	92.8	18.0
Texas	^R 72.9	^R 31.6	^R 79.0	^R 29.5	^R 72.5	^R 28.3	^R 77.9	^R 29.5
Utah	76.4	95.6	76.9	95.5	80.0	94.8	84.6	92.2
Vermont	100.0	66.3	100.0	68.4	100.0	69.2	100.0	79.4
Virginia	50.0	3.6	59.5	16.3	57.0	8.8	68.1	12.4
Washington	89.9	26.9	91.6	30.7	89.9	30.9	96.0	33.5
West Virginia	52.4	8.8	44.5	8.3	52.6	9.2	72.7	9.7
Wisconsin	68.8	11.6	67.8	10.5	66.2	11.8	75.5	17.3
Wyoming	84.4	2.6	97.2	3.3	93.6	2.8	92.1	4.8
Total	^R53.2	^R15.5	^R58.3	^R14.6	^R59.6	^R15.0	^R65.5	^R16.2

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001						2000	
	March		February		January		Total	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	77.3	11.8	84.3	14.5	85.8	15.1	81.2	22.5
Alaska	67.9	99.6	64.6	99.6	65.3	99.6	59.2	99.8
Arizona	95.7	50.8	91.5	52.5	91.6	44.7	83.7	38.0
Arkansas	NA	10.1	NA	11.2	93.0	7.6	89.9	8.2
California	64.6	8.5	66.8	8.5	64.1	9.5	57.5	5.1
Colorado	99.8	0.1	100.0	0.1	99.9	0.1	97.4	12.1
Connecticut	77.8	53.5	74.4	51.2	76.5	68.4	78.4	46.0
Delaware	98.5	20.4	98.7	29.7	98.4	11.1	98.0	8.1
District of Columbia	28.8	—	28.2	—	32.5	—	35.6	—
Florida	56.3	2.8	59.2	3.7	60.7	4.7	67.5	4.4
Georgia	9.1	6.7	13.5	8.2	12.0	9.9	17.0	19.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	88.6	2.5	90.2	3.2	88.8	3.3	86.3	2.7
Illinois	42.6	10.8	43.7	13.6	46.6	13.4	41.9	8.7
Indiana	NA	6.5	NA	13.3	NA	14.2	78.0	9.8
Iowa	83.2	6.3	84.9	8.8	92.6	8.0	81.1	7.0
Kansas	64.8	2.6	63.8	2.4	68.1	2.5	58.3	10.3
Kentucky	82.7	16.4	84.0	18.9	88.0	23.7	85.6	19.1
Louisiana	96.9	7.7	95.7	8.4	96.1	8.5	96.3	11.0
Maine	100.0	93.6	100.0	98.4	100.0	94.1	100.0	43.5
Maryland	40.8	8.2	42.3	9.7	42.4	13.2	39.2	5.3
Massachusetts	63.9	42.5	63.4	34.6	67.4	34.6	63.1	13.5
Michigan	68.2	14.4	68.8	16.2	68.4	17.6	58.6	7.8
Minnesota	99.4	48.0	98.7	53.0	98.0	28.0	97.3	40.0
Mississippi	95.7	25.3	87.3	35.1	96.6	29.0	95.5	27.1
Missouri	83.5	18.0	85.6	15.7	89.4	23.7	80.1	17.1
Montana	61.8	2.8	88.2	3.1	76.3	3.0	73.5	1.9
Nebraska	60.7	27.5	61.8	26.8	78.2	23.1	60.5	13.8
Nevada	65.3	15.4	73.5	23.1	73.8	30.0	54.7	4.4
New Hampshire	90.4	30.9	91.9	35.8	90.3	30.7	86.4	34.8
New Jersey	62.0	27.5	65.6	26.3	65.4	29.2	56.9	44.4
New Mexico	66.4	31.2	68.0	27.4	67.9	22.4	61.4	18.9
New York	58.3	13.4	63.1	14.7	60.3	13.2	36.0	3.4
North Carolina	96.9	28.5	98.2	31.0	98.8	38.3	96.5	52.5
North Dakota	89.4	16.8	92.2	13.9	92.3	15.3	89.3	16.1
Ohio	43.9	4.7	42.9	4.4	50.3	6.1	45.0	5.5
Oklahoma	69.6	4.3	77.5	4.9	83.0	8.2	72.3	4.1
Oregon	100.0	18.9	100.0	17.3	100.0	27.5	98.8	13.0
Pennsylvania	66.0	9.1	67.5	13.6	67.7	14.4	60.5	11.6
Rhode Island	62.5	100.0	64.9	100.0	64.4	100.0	53.3	5.9
South Carolina	96.8	81.4	98.3	86.5	99.0	91.1	98.7	86.5
South Dakota	86.7	^R 52.2	85.1	^R 54.6	88.3	^R 50.8	83.1	28.3
Tennessee	92.8	22.3	95.0	22.8	95.8	26.8	92.5	38.4
Texas	^R 77.5	^R 29.0	^R 79.9	^R 30.8	^R 82.5	^R 31.0	76.3	30.1
Utah	85.7	94.0	87.6	94.2	88.4	94.9	83.9	10.0
Vermont	100.0	79.7	100.0	80.4	100.0	96.0	100.0	83.8
Virginia	77.9	14.3	79.8	16.7	75.3	19.3	66.4	13.4
Washington	94.8	38.9	94.9	37.0	95.1	39.7	92.7	27.1
West Virginia	^R 72.3	^R 6.9	80.1	6.9	76.9	6.5	56.6	7.6
Wisconsin	73.8	25.1	81.1	25.4	81.7	24.1	78.1	22.4
Wyoming	89.4	5.3	91.6	5.7	79.3	5.2	90.0	2.9
Total	^R68.3	^R16.9	^R70.6	^R17.4	^R71.9	^R18.0	62.9	18.1

^R Revised Data.

NA Not Available.

— Not Applicable.

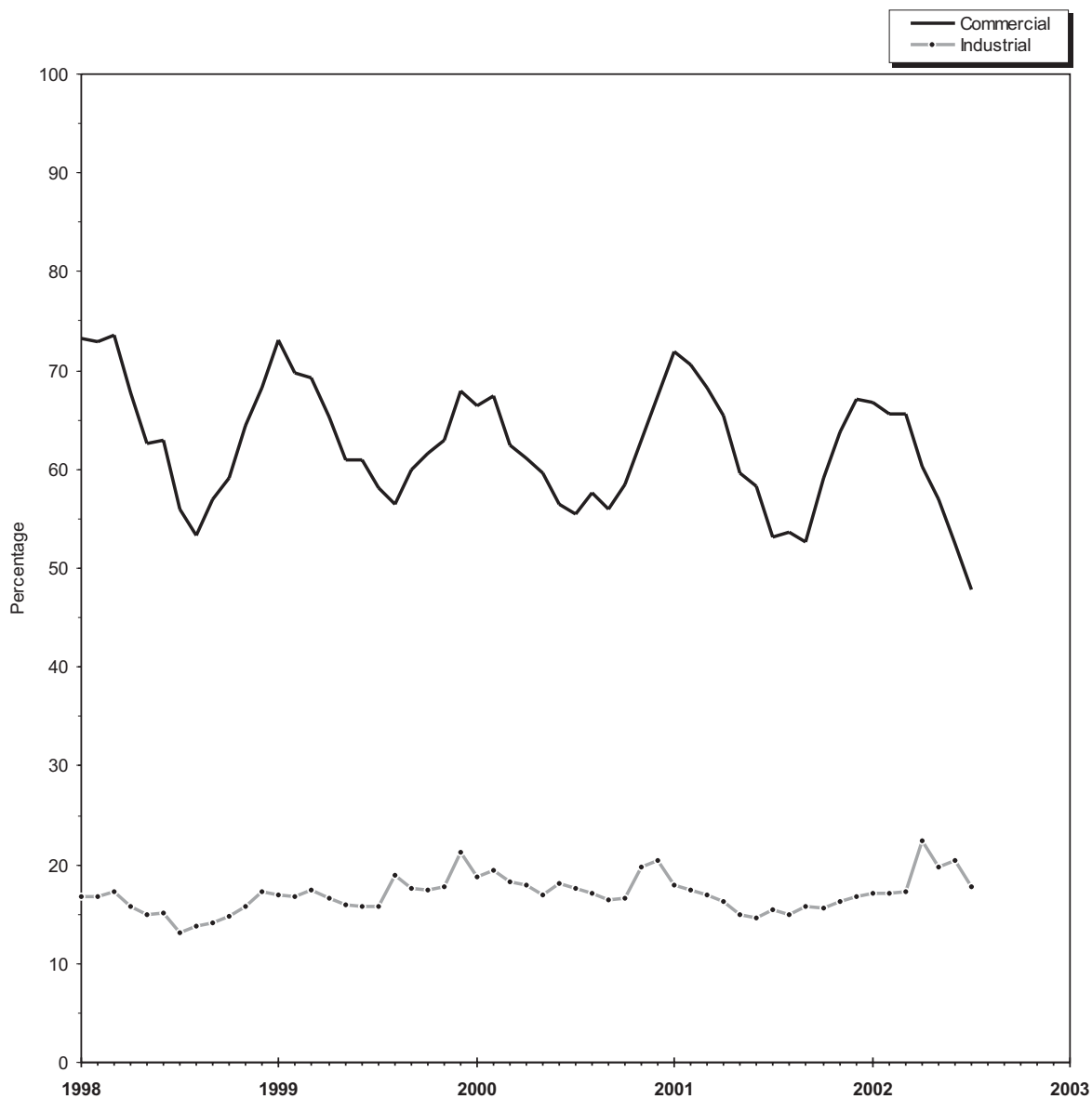
Notes: Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and

industrial sectors. This information may be helpful in evaluating commercial and industrial price data which are based on sales data only. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Figure 6

Figure 6. Percentage of Total Deliveries Represented by Onsystem Sales, 1998-2002



Source: Table 25.

Appendix A

Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly* (NGM). The information in this Appendix is provided to assist users in evaluating the monthly data. There is a brief description of what data are estimated and what data are taken from submitted reports, followed by ten technical notes that provide important information for individual data series.

The monthly data are preliminary when initially published. Data shown in this report for the most current months are taken from the EIA Short-Term Integrated Forecasting System (STIFS) model computations. Each month, EIA staff review the STIFS model estimates and adjust them, if necessary, based on their knowledge of

new developments in the natural gas industry. Data for prior months are estimated or taken from submitted reports.

For data that are not taken from STIFS computations, Table A1 lists the methodologies for deriving the monthly data to be published.

The STIFS model contains a series of calculations that produce forecasts for all of the energy industry. It is driven primarily by three sets of inputs or assumptions: estimates of key macroeconomic variables, world oil price assumptions, and assumptions about the severity of weather. The natural gas estimates also reflect other key inputs or assumptions including gas wellhead prices, electric power generation by other

Table A1. Methodology for Reporting Initial Monthly Natural Gas Supply and Disposition Data

Components	Reporting Methodology
Supply and Disposition	
Marketed Production	Reported on Form EIA-895 and estimated from historical data
Extraction Loss	Derived from Marketed Production
Dry Production	Marketed Production minus Extraction Loss
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from supply estimates and coal gasification information
Imports	Estimated from National Energy Board of Canada information and liquefied natural gas information
Additions to Storage	Reported on Form EIA-191
Exports	Estimated from industry trends and liquefied natural gas information
Current-Month Consumption	Estimated from historical month-to-month percent changes
Consumption by Sector	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline Fuel	Derived from estimates for Lease and Plant Fuel and Deliveries to Consumers
Residential	Estimated from reports to the sample survey Form EIA-857
Commercial	Estimated from reports to the sample survey Form EIA-857
Industrial	Estimated from reports to the sample survey Form EIA-857
Electric Utilities	Reported on Form EIA-759

energy sources, and U.S. gas import capacity. The macroeconomic variable estimates are produced by DRI/McGraw-Hill but are adjusted by EIA to reflect EIA assumptions about the world price of oil, energy product prices, and other assumptions which may affect the macroeconomic outlook. The EIA publishes forecasts for the energy industry each quarter in the Short-Term Energy Outlook.

For production, total supply and disposition, and storage data (Tables 1, 2, and 9), the most current two months shown are estimates produced from STIFS computations, and data that are two months or more prior to the date of publication are estimated or taken from submitted reports. For example, in the March issue of the *NGM*, February and March data are taken from the STIFS model computations while January and prior months data are estimated from available data sources or reported directly on EIA forms. For consumption data by sector (Table 3), the most current three months shown are estimates produced from STIFS computations while data that are three months prior to date of publication are taken from EIA forms.

Note 1. Nonhydrocarbon Gases Removed

Annual Data

Data on nonhydrocarbon gases removed from marketed production-carbon dioxide, helium, hydrogen sulfide, and nitrogen -are reported by State agencies on the voluntary Form EIA-895. Eleven of the 32 producing States reported data on nonhydrocarbon gases removed during 2000. These 11 States accounted for 46 percent of total 2000 gross withdrawals. The State of Missouri reported zero gross withdrawals.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. States reporting monthly data on nonhydrocarbon gases removed are estimated based on annual data reported on Form EIA-895. States' nonhydrocarbon gases as an annual percentage of gross withdrawals reported is applied to each State's monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

Final Monthly Data

Beginning with report year 1990, States filing the Form EIA-627, "Annual Quantity and Value of Natural Gas Report," were asked to supply monthly breakdowns of all data previously reported on an annual basis. The

sums of the reported figures were used to calculate monthly volumes. In 1997 the Form EIA-627 was discontinued. States were requested to file an annual schedule on the monthly Form EIA-895, "Monthly Quantity and Value of Natural Gas Report."

For States not supplying monthly data on the annual schedule of the EIA-895, final monthly data are calculated by proportionally allocating the differences between total annual data reported on the Form EIA-895 and the sum of monthly data (January-December).

Note 2. Supplemental Gaseous Fuels

Annual Data

Annual data are published from Form EIA-176.

Preliminary Monthly Data

All monthly data are considered preliminary until after the publication of the *Natural Gas Annual* for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the revised monthly sum of these three elements to compute final monthly data.

Note 3. Production

Annual Data

Natural gas production data are collected from 33 gas-producing States on Form EIA-895 which includes gross withdrawals, vented and flared, repressuring, nonhydrocarbon gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production on the Gulf of Mexico and Outer Continental Shelf. No adjustments are made to the data.

Estimated Monthly Data

State marketed production data for a particular month are estimated if data are unavailable at the time of publication. The data are estimated based on final monthly data reported on the Form EIA-895 for the previous year.

Estimates for total U.S. marketed production are based on final monthly data reported on the Form EIA-895 for the previous year. State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the EIA-895. These ratios are applied to the month's estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Estimates for gross withdrawal data are calculated from final monthly data filed on Form EIA-895 for the previous year.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. Preliminary monthly data are published from reports from the Form EIA-895 and the MMS. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated.

Final Monthly Data

Final monthly data are the sums of monthly data reported on the Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," annual schedule.

Note 4. Imports and Exports

Annual Data and Final Monthly Data

Annual and final monthly data are published from the Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports, which requires data to be reported each quarter by month for the calendar year.

Preliminary Monthly Data - Imports

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the article "U.S. Imports and Exports of Natural Gas" for the calendar year.

Preliminary Monthly Data - Exports

Preliminary monthly export data are based on historical data from the Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports, informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of "U.S. Imports and Exports of Natural Gas" for the calendar year in which the report month falls.

Note 5. Consumption

All Annual Data

All consumption data except electric utility data are from the Form EIA-857 and Form EIA-176. No adjustments are made to the data. Electric utility data are reported on Form EIA-759.

Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual*.

Total Consumption

Preliminary Monthly Data

The most current month estimate is calculated based on the arithmetic average change from the previous month for the previous 3 years. The following month this estimate is revised by summing the components (pipeline fuel, lease and plant fuel, and deliveries to consumers).

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly total consumption is obtained by summing its components.

Residential, Commercial, and Industrial Sector Consumption

Preliminary Monthly Data

Preliminary monthly residential, commercial, and industrial data are from Form EIA-857. See Appendix C, "Statistical Considerations," for a detailed explanation of sample selection and estimation procedures.

Average Price of Deliveries to Consumers

Price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers. These prices do not reflect average prices of natural gas transported to consumers for the account of third parties or “spot-market” prices.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

Agricultural Use

Beginning with the reporting of 1996 annual data, the EIA changed the customer category used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. In 1995 and earlier years, consumption of natural gas for agricultural use was classified as commercial use. Separate reports of the volumes affected are not available so the direct impact of this change is not known. Most natural gas consumed in agriculture is used to drive irrigation systems and to dry crops.

In comparing sectoral use over time, note that:

- There is an inherent shift in natural gas volumes from the commercial to industrial sectors due simply to changes in the reporting requirements. This break in series may indicate a spurious increase in industrial consumption with a corresponding decrease in the commercial sector.
- The sum of natural gas volumes consumed by the commercial and industrial sectors will not be changed by this modification of the instructions.

Electric Utility Sector Consumption

All Monthly Data

Monthly data published are from Form EIA-759.

Pipeline Fuel Consumption

Preliminary Monthly Data

Preliminary data are estimated based on the pipeline fuel consumption as an annual percentage of total consumption from the previous year’s Form EIA-176. This percentage is applied to each month’s

total consumption figure to compute the monthly estimate.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each month’s revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

Lease and Plant Fuel Consumption

Preliminary Monthly Data

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each month’s marketed production figure to compute estimated lease and plant fuel consumption.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly plant fuel data are based on a revised annual ratio of lease and plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each month’s revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected on the Form EIA-627 and estimates from the Form EIA-176. See the *Natural Gas Annual* for a complete discussion of this process.

Note 6. Extraction Loss

Annual Data

Extraction loss data are calculated from filings of Form EIA-64A, “Annual Report of the Origin of Natural Gas Liquids Production.” For a fuller discussion, see the *Natural Gas Annual*.

Preliminary Monthly Data

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month’s marketed production to estimate monthly extraction loss.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are estimated by allocating annual extraction loss data to each month based on its total natural gas marketed production.

Note 7. Natural Gas Storage

Underground Natural Gas Storage

All monthly data concerning underground storage are published from the EIA-191. A new EIA-191 became effective in January 1994. Injection and withdrawal data from the EIA-191 survey are adjusted to correspond to data from Form EIA-176 following publication of the *Natural Gas Annual*.

Underground and Liquefied Natural Gas Storage

The final monthly and annual storage and withdrawal data shown in Table 2 include both underground and liquefied natural gas (LNG) storage. Annual data on LNG additions and withdrawals are taken from Form EIA-176. Monthly data are estimated by computing the ratio of each month's underground storage additions and withdrawals to annual underground storage additions and withdrawals and applying it to annual LNG data.

Types of Underground Storage Facilities

There are three principal types of underground storage facilities in operation in the United States today: salt caverns (caverns hollowed out in salt "bed" or "dome" formations), depleted reservoir fields (depleted reservoirs in oil and/or gas fields), and aquifer reservoirs (water-only reservoirs conditioned to hold natural gas). A storage facility's daily deliverability or withdrawal capability is the amount of gas that can be withdrawn from it in a 24-hour period. Salt cavern storage facilities generally have high deliverability because all of the working gas in a given facility can be withdrawn in a relatively short period of time. (A typical salt cavern cycle is 10 days to deplete working gas, and 20 days to refill working gas.) By contrast, depleted field and aquifer reservoirs are designed and operated to withdraw all working gas over the course of an entire heating season (about 150 days). Further, while both traditional and salt cavern facilities can be switched from withdrawal to injection operations during the heating season, this is usually more quickly and easily done in salt cavern facilities, reflecting their greater operational flexibility.

Note 8. Average Wellhead Value

Annual Data

Form EIA-895 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States which were unable to provide data was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed value of marketed production in each State is calculated by dividing the State's reported value by its associated production. This unit price is then applied to the quantity of the State's marketed production to derive the imputed value of marketed production.

Preliminary Monthly Data

Preliminary values for the monthly U.S. natural gas wellhead price are estimated from the New York Mercantile Exchange (NYMEX) futures closing price for near-month delivery at the Henry Hub, and prevailing cash market prices (spot prices) at 5 major trading hubs: Henry Hub, LA; Carthage, TX; Katy, TX; Waha, TX; and Blanco, NM. The NYMEX price is reported in the trade publication, *Gas Daily* (published by Financial Times Energy). The spot prices are published in another trade publication, *Natural Gas Week* (Energy Intelligence Group), and they reflect the spot delivered-to-pipeline, volume-weighted average prices for natural gas bought and sold at the specified trading hubs. Prices include processing, gathering, and transportation fees to the hubs. The estimated wellhead prices are derived with a statistical procedure based on analysis of monthly time series data for the period 1995 through the present. A statistical procedure was adopted beginning with publication of the February 1999 issue of the *Natural Gas Monthly*. The preliminary estimates are replaced when annual survey data become available, usually about 10 months after the end of the report year.

Final Monthly Data

The Form EIA-895 requests State agencies to report monthly values of marketed production. Preliminary monthly gas price data are replaced by these final monthly data.

Note 9. Balancing Item

The “balancing item” category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems.

Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents.

Annual Data

Annual data are from the *Natural Gas Annual*. For an explanation of the methodology involved in calculating annual “balancing item” data, see the *Natural Gas Annual*.

Preliminary Monthly Data

Preliminary monthly data in the “balancing item” category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total supply/disposition.

Note 10. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day data bases maintained by the National Oceanic and Atmospheric Administration. The information published in the *Natural Gas Monthly* is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the Country. The temperature information recorded at these weather stations is used to calculate State-wide degree-day averages weighted by gas home customers. The State figures are then aggregated into Census Divisions and into the national average.

Appendix B

Data Sources

The data in this publication are taken from survey reports authorized by the U.S. Department of Energy (DOE), Energy Information Administration (EIA) and by the Federal Energy Regulatory Commission (FERC). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The EIA conducts and processes some of the surveys authorized by the FERC. Data are collected from two annual surveys and five monthly surveys.

The annual report is the Form EIA-176, a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines.

The monthly reports include two surveys of the natural gas industry, two surveys of the electric utility industry, and a voluntary survey completed by energy or conservation agencies in the gas producing States. The natural gas industry survey is the Form EIA-191 filed by companies that operate underground storage facilities, and the Form EIA-857 is filed by a sample of companies that deliver natural gas to consumers. The electric utility industry surveys are the Form EIA-759 filed by all generating electric utilities and the Form FERC-423 filed by fossil-fueled plants. Responses to these four monthly surveys are mandatory.

A description of the survey respondents, reporting requirements, and processing and editing of the data is given on the following pages for each of the surveys.

Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

Survey Design

The original version of Form EIA-176 was approved in 1980 with a mandatory response requirement. Prior to 1980, published data were based on voluntary responses to Bureau of Mines, U.S. Department of the Interior predecessor Forms BOM-6-1340-A and BOM-6-1341-A of the same title.

In 1982, the scope of the revised EIA-176 survey was expanded to collect the number of electric utility consumers in each State, volumes of gas transported to industrial and electric utility consumers, detailed information on volumes transported across State borders by the respondent for others and for the responding company, and detailed information on other disposition. These changes were incorporated to provide more complete survey information with a minimal change in respondent burden. The 1982 version of the Form EIA-176 continues to be the basis for the current version of this form.

In 1988, the Form EIA-176 was revised to include data collection for deliveries of natural gas to commercial and industrial consumers for the account of others.

In 1990, the Form EIA-176 was revised to include more detailed information for gas withdrawn from storage facilities, gas added to storage facilities, deliveries of company-owned natural gas and natural gas transported for the account of others. The revised form was approved for use beginning with report year 1990.

Upon the Office of Management and Budget's approval in 1993, the Form EIA-176 was again revised. All deliveries to consumers were categorized as firm or interruptible. Commercial and industrial consumers were categorized as nonutility power producers or as those excluding nonutility power producers.

Approval of the Form EIA-176 for use through 1999 was received in 1996 from OMB. The form was modified as outlined in the "Change in Definition of Consumption Sector" below.

After being approved by the OMB in 1999, the Form EIA-176 was revised to: (1) change the filing date from April 1 following the end of the report year to March 1 following the end of the report year, (2) remove the requirement to distinguish between firm and interruptible deliveries to consumers; and (3) remove the requirement to distinguish between gas volumes delivered to commercial and industrial consumers having nonutility generation of electricity from those not generating electricity.

Data reported on this form are no longer considered proprietary. Response to the form continues to be mandatory.

Survey Universe and Response Statistics

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies, investor and municipally owned natural gas distributors, underground natural gas storage operators, synthetic natural gas plant operators, and field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities) and/or that transport gas to, across, or from a State border through field or gathering facilities.

Each company and its parent company or subsidiaries were required to file if they met the survey specifications. The original mailing in 2000 for report year 1999 totaled 1,872 questionnaire packages. To this original mailing, 8 names were added and 18 were deleted as a result of the survey processing. Additions were the result of comparisons of the mailing list to other survey mailing lists. Deletions resulted from post office returns and determinations that companies were out of business, sold, or not within the scope of the survey. After all updates, the survey universe was 1,847 responses from approximately 1,400 companies.

Following the original mailing, second request mailing, and nonrespondents follow-up, 1,826 responses were entered into the data base, and there were 21 nonrespondents.

Summary of Form EIA-176 Data Reporting Requirements

The EIA-176 is a multi-line schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year were due by March 1st. Extensions of the filing deadline for up to 30 days are granted to any respondent upon request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Routine Form EIA-176 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-176. The edits performed include validity, arithmetic, and analytical checks.

The incoming forms are reviewed prior to keying. This prescan determines if the respondent identification (ID) number and the company name and address are correct, if the data on the form appear complete and reasonable, and if the certifying information is complete.

Manual checks on the data are also made. Each form is prescanned to determine that data were reported on the correct lines. The flow of gas through interstate pipelines is checked at the company level to ensure that each delivery from a State is matched with a corresponding receipt in an adjoining State.

After the data are keyed, computer edit procedures are performed. Edit programs verify the report year, State code, and arithmetic totals. Further tests are made to ensure that all necessary data elements are present and that the data are reasonable and internally consistent. The computerized edit system produces error listings with messages for each failed edit test. When problems occur, respondents are contacted by telephone and required to file amended forms with corrected data.

Other EIA Publications Referencing Form EIA-176

Data from Form EIA-176 are also published in the *Natural Gas Annual*.

Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"

Survey Design

Beginning with 1980 data, natural gas production data previously obtained on an informal basis from the appropriate State agencies were collected on the Form EIA-627, "Annual Quantity and Value of Natural Gas Report." This form was designed by the EIA to collect annual natural gas production data from the appropriate State agencies under a standard data reporting system within the limits imposed by the diversity of data collection systems of the various producing States. It was also designed to avoid duplication of the efforts involved in the collection of production and value data by producing States and to avoid an unnecessary respondent burden on gas and oil well operators. In 1993, value and associated volume of marketed production by month were added to the EIA-627. In 1996, the Form EIA-627 was discontinued. The information is collected on an annual schedule on the Form EIA-895.

In 1993, the Office of Management and Budget approved the Form EIA-627 for use in report years 1994 through 1996. In 1994, the Interstate Oil and Gas Compact Commission (IOGCC) decided to discontinue collection of their form. Data collection on the Form

EIA-895, “Monthly Quantity and Value of Natural Gas Report,” began in January 1995. This form was designed to replace the IOGCC form, “Monthly Report of Natural Gas Production.” All gas producing States are requested to report on the Form EIA-895; a voluntary report. In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace the Form EIA-627. Data are reported by State agencies. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the States. Data are not considered proprietary.

Survey Universe and Response Statistics

Form EIA-895 is mailed to energy or conservation agencies in all 33 natural gas producing States. All producing States participate voluntarily in the EIA-895 survey by filing the completed form or by responding to telephone contacts. EIA-895 survey by filing the completed form or by responding to telephone contacts.

Reports on State production are due 20 days after the end of the report month. (In most cases, the data are not available to the States until after this time period. Therefore, States are requested to send the report within 80 days after the end of the report month.) The annual schedule of the Form EIA-895 is due with the December data report.

Of the 32 natural gas producing states, all participated in the voluntary EIA-895 survey by filing the completed form or by responding to telephone contacts. Data on the quantities of nonhydrocarbon gases removed in 2000 were reported by the appropriate agencies of 11 of the 32 producing States. These 11 States accounted for 46 percent of total 2000 gross withdrawals. The State of Missouri reported zero gross withdrawals.

The commercial recovery of methane from coalbeds contribute a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (112,393), Colorado (413,290), New Mexico (583,581), and Wyoming (151,449).

Summary of Data Reporting Requirements

The Form EIA-895 is a two-page form divided into five parts. Part I requests identifying information including the name and location of the responding State agency and the name and telephone number of a contact person within the agency. Part II collects monthly data on the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used

on lease; and marketed production. Part III of the form is for reporting the monthly volume and value of marketed production. Part IV of the form is the annual schedule which collects data on the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). Part V is space to be used by the respondent to explain data elements reported that may be based on definitions differing from those applied to data in previous years.

Respondents are asked to report all volumes in thousand cubic feet at the State’s standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Routine Form EIA-895 Edit Checks

Each filing of Form EIA-895 is manually checked for reasonableness and mathematical accuracy. Information on the forms is compared to totals of monthly data reported. Volumes are converted, as necessary, to a standard 14.73 psia pressure base. Reasonableness of data is assessed by comparing reported data to the previous year’s data. State agencies are contacted by telephone to correct errors. Amended filings or resubmissions are not a requirement, since participation in the survey is voluntary.

Other EIA Publications Referencing Form EIA-895

Data from Form EIA-895 are also published in the EIA publication, *Natural Gas Annual*.

EIA-191 Survey, “Underground Natural Gas Storage Report”

Survey Design

The Form EIA-191, “Monthly Underground Natural Gas Storage Report,” was revised effective January 1994. Among the changes from the form used from 1991 through 1993 is a distinction between a monthly and annual survey. Prior to 1991, data on the storage of natural gas were collected on a survey jointly implemented in 1975 by the Federal Power Commission (FPC), the Federal Energy Administration (FEA), and the Bureau of Mines (BOM) as the FPC-8/ FEA-G-318 system. The data received on both the FPC-8 and FEA-G-318 were computerized and aggregated by

FPC. The form was previously revised in 1991 to include storage data by State, field, and reservoir.

At the beginning of 1979, the EIA assumed responsibility for the collection, processing, and publication of the data gathered in the survey. Form FEA-G-318 was renewed on July 1, 1979, as Form EIA-191 and the survey was retitled the FPC-8/EIA-191 Survey (Figure D4 shows the EIA-191). Form FPC-8 was renewed in December 1985 and the survey retitled FERC-8/EIA-191 Survey. The forms were not merged because of FERC's stated desire to maintain the separate identity of the FERC-8 for administrative reasons. In September 1995, the FERC discontinued the reporting requirements of Form FERC-8. FERC jurisdictional firms continue to file Form EIA-191.

Survey Universe and Response Statistics

The 140 companies that operate underground facilities file the Form EIA-191. The response rate as of the filing deadline is approximately 20 percent. Data from the remaining 80 percent of respondents are received in writing and/or by telephone within 3 to 4 days after the filing deadline. All data supplied by telephone are subsequently filed in writing, generally within 15 days of the filing deadline. The final response rate is 100 percent.

Summary of EIA-191 Data Reporting Requirements

The EIA-191 monthly schedule contains current month and prior month's data on the total quantities of gas in storage, injections and withdrawals, the location (including State and county, field, reservoir) and peak day withdrawals during the reporting period. Prior month's data are required only when data are revised. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which each field is connected. The annual schedule is filed with the December submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the first day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are reflected in the prior month section of the monthly form. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

Routine Form EIA-191 Edit Checks

Data received on Form EIA-191 are entered into the survey processing system. The survey's five principal data elements (total, base, working gas in storage, injections, and withdrawals) receive a preliminary visual edit to eliminate and correct obvious errors or omissions. Respondents are required to re-file reports containing any inconsistencies or errors.

Other EIA Publications Referencing Form EIA-191

The EIA publication *Monthly Energy Review* and *Winter Fuels Report* contain data from the EIA-191 survey.

"Quarterly Natural Gas Import and Export Sales and Price Report"

Survey Design

The collection of data covering natural gas imports and exports was begun in 1973 by the Federal Power Commission (FPC). On October 1977, FPC ceased to exist and its data collection functions were transferred to the Federal Energy Regulatory Commission (FERC) within the Department of Energy (DOE). From 1979 to 1994, the Energy Information Administration (EIA) has had the responsibility for collecting Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." Data are not considered proprietary. The Form FPC-14 was discontinued in 1995.

Beginning in 1995, import and export data are taken from the "Quarterly Natural Gas Import and Export Sales and Price Report." This report is prepared by the Office of Fossil Energy, U.S. Department of Energy, based on information submitted by all firms having authorization to import or export natural gas.

Survey Universe and Response Statistics

All companies are required, as a condition of their authorizations to import or export natural gas, to file quarterly reports with the Office of Fossil Energy. These data are collected as part of its regulatory responsibilities. The data are reported at a monthly level of detail.

Routine Edit Checks

Respondents are required to certify the accuracy of all data reported. The data are checked for reasonableness and accuracy. If errors are found, the companies are required to file corrected data. The data are compared with data reported by the National Energy Board of Canada and are published quarterly. All natural gas

volumes in this report are expressed at a pressure base of 14.73 pounds per square inch absolute and temperature of 60 degrees Fahrenheit, except as noted. All import and export prices are in U.S. dollars and, except for LNG exports, are those paid at the U.S. border. LNG export prices are those paid at the point of sale and delivery in Yokohama, Japan.

Form EIA-857, “Monthly Report of Natural Gas Purchases and Deliveries to Consumers”

Survey Design

The original Form EIA-857 was approved for use in December 1984. Response to the Form EIA-857 is mandatory on a monthly basis. Data collected on the Form EIA-857 cover the 50 States and the District of Columbia and include both price and volume data. Data are considered proprietary.

Survey Universe and Response Statistics

A sample of approximately 400 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies, report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 on a monthly basis. Initial response statistics on a monthly basis are as follows: responses received by due date, approximately 50 percent, and responses received after follow-up, 95 percent. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix

C. When the company’s submission is eventually received, the submitted data are used for future processing and revisions.

The Form EIA-857 is a monthly sample survey of firms delivering natural gas to consumers. It provides data that are used to estimate monthly sales of natural gas (volume and price) by State and monthly deliveries of natural gas on behalf of others (volume) by State to three consumer sectors - residential, commercial, and industrial. (Monthly deliveries and prices of natural gas to electric utilities are reported on the Form FERC-423, “Monthly Report of Cost and Quality of Fuels for Electric Plants,” and the Form EIA-759, “Monthly Power Plant Report.”) See Appendix C for a discussion of the sample design and estimation procedures.

Summary of Form EIA-857 Data Reporting Requirements

Data collected monthly on the Form EIA-857 on a State level include the volume and cost of purchased gas, the volume and cost of natural gas consumed by sector (residential, commercial, and industrial), and the average heat content of all gas consumed. Respondents file completed forms with EIA in Washington, DC on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported as whole dollar.

Routine Form EIA-857 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-857. The edits performed include validity and analytical checks.

Appendix C

Statistical Considerations

The monthly sales (volume and price) and monthly deliveries (volume) of natural gas to residential, commercial and industrial consumers presented in this report by State are estimated from data reported on the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." (See Appendix B for a description of this Form.) These estimations must be made from the reported data since the Form EIA-857 is a sample survey. A description of the sample design and the estimation procedures is given below.

Sample Design

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate pipeline companies, and producers, as well as local distribution companies. The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by State to three consumer sectors—residential, commercial, and industrial. Monthly deliveries and prices of natural gas to electric utilities are reported on the Form EIA-906, "Power Plant Report," Form EIA-759, "Monthly Power Plant Report," and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

Sample Universe. The sample currently in use was selected from a universe of 1,449 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 2000 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

Sampling Plan. The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed. The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 2000. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 395 respondent companies.

Certainty Stratum. Since estimates were needed for each of the 50 States and the District of Columbia, the strata were established independently within each State. In 17 States and the District of Columbia where sampling was not feasible due to small numbers of companies and/or small volumes of gas deliveries, all companies were selected. The 17 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, Michigan, North Dakota, New Hampshire, New Jersey, Nevada, Oregon, Rhode Island, South Dakota, Utah, Vermont, and Washington.

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential/commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential/commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial and the combined residential/commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

All companies with natural gas deliveries in sector j greater than the cut-off value (C_j) were included in the certainty stratum. The formula for C_j was:

$$C_j = \frac{X_{.j}}{2n} \quad (1)$$

Where:

C_j = cutoff value for consumer sector j ,

n = target sample size to be selected for the State, 25 percent of the companies in the State,

X_{ij} = the annual volume of natural gas deliveries by company i to customers in consumer sector j ,

X_i = the sum within State of annual gas volumes for company i ,

X_j = the sum within State of annual gas volumes in consumer sector j ,

$X_{..}$ = the sum within State of annual gas volumes in all consumer sectors.

Noncertainty Stratum. All other companies formed the noncertainty stratum. They were systematically sampled with probability proportional to size. The measure of size for each company was the total volume of gas sales to all consumer sectors (X_i). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

The formula for selecting the number of noncertainty stratum companies was:

$$m = n \frac{X_2}{X_{..}} \quad (2)$$

where:

m = the sample size for the noncertainty stratum within a State,

X_2 = the sum within State of the X_i for all companies in the noncertainty stratum.

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using.

A uniform random number R was selected between zero and $\left(I = \frac{X_2}{m}\right)I$. The first sampled company was the

first company on the list to have a cumulative measure of size greater than R . The second company selected was the first company on the list to have a cumulative measure of size greater than $R + I$. $R + I$ was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

Subgroups. In five States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that X_2 was the sum within State of the X_i for only those companies in the subgroup.

These subgroups were defined only for the purpose of sample selection. They are:

California: companies delivering gas to residential consumers and those who do not deliver to residential consumers.

Kansas, Louisiana, Texas: companies delivering gas only to industrial consumers and those delivering to any other sector.

South Carolina: companies delivering more than 3 Bcf to consumers and those below that level.

Estimation Procedures

Estimates of Volumes. A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector — residential, commercial, and industrial — in each State where companies are sampled. The following annual data are taken from the most recent submissions of Form EIA-176:

The formula for calculating the ratio estimator (E_{vj}) for the volume of gas in consumer sector j is:

$$E_{vj} = \frac{\gamma_{.j}}{\gamma'_{.j}} \quad (3)$$

where:

$\gamma_{.j}$ = the sum within State of annual gas volumes in consumer sector j for all companies,

$\gamma'_{.j}$ = the sum within State of annual gas volumes in consumer sector j for those companies in the sample.

The ratio estimator is applied as follows:

$$V_{.j} = y_{.j} \times E_{vj} \quad (4)$$

where:

V_j = the State estimate of monthly gas volumes in consumer sector j ,

y_j = the sum within State of reported monthly gas volumes in consumer sector j .

Computation of Natural Gas Prices. The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales.

The price of natural gas for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V_j}$$

where:

P_j = the average price for gas sales within the State in consumer sector j ,

R_j = the reported revenue from natural gas sales within the State in consumer sector j ,

V_j = the reported volume of natural gas sales within the State in consumer sector j .

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

The monthly average prices of natural gas are based on sales data only. Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices.

Table 25 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. Virtually all natural gas deliveries to the residential sector represent onsystem sales volumes only.

See the section on consumer price calculations in this Appendix for further price information.

Estimation for Nonrespondents. A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas sales for nonrespondents was:

Where:

$$F_t = F_{t-1} \times \frac{y_{jt}}{y_{jt-1}} \quad (5)$$

F_t = imputed gas volume for current month t ,

F_{t-1} = gas volume for the company for the previous month,

y_{jt} = gas volume reported by companies in the State stratum for report month t ,

y_{jt-1} = gas volume in the previous month for companies in the State stratum that reported in month t .

Final Revisions

Adjusting Monthly Data to Annual Data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly* to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the *Natural Gas Monthly*, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

$$V_{jm}^* = V_{jm} + \left[(V_{ja} - V_{jm}') \left(\frac{V_{jm}}{V_{jm}'} \right) \right] \quad (6)$$

where:

V_{jm}^* = the final volume estimate for month m in consumer sector j ,

V_{jm} = the estimated volume for month m in consumer sector j,

V_{ja} = the volume for the year reported on Form EIA-176,

V'_{jm} = The annual sum of estimated monthly volumes.

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

$$R_{jm}^* = R_{jm} + \left[(R_{ja} - R'_{jm}) \left(\frac{R_{jm}}{R'_{jm}} \right) \right] \quad (7)$$

where:

R_{jm}^* = the final revenue estimate for month m in consumer sector j,

R_{jm} = the estimated revenue for month m in consumer sector j,

R_{ja} = the revenue for the year reported on Form EIA-176,

R'_{jm} = The annual sum of estimated monthly revenues.

Revision of Volumes and Prices for Deliveries to Electric Utilities. Revisions to monthly electric utilities data are published throughout the year as they become available.

Reliability of Monthly Data

The monthly data published in this report are subject to two sources of error - nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data. See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

Standard Errors. A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

The standard errors for monthly natural gas volume estimates by State are given in Table C1. Ninety-five percent of the time, the volume that would have been obtained from a complete enumeration will lie in the range between the estimated volume minus two standard errors and the estimated volume plus two standard errors.

The standard error of the natural gas volume estimate is the square root of the variance of the estimate. The formula for calculating the variance of the volume estimate is:

$$V(\hat{Y}) = \sum_{h=1}^H \left[N_h^2 \frac{(1 - \frac{n_h}{N_h})}{n_h(n_h - 1)} \left(\sum_{i=1}^{n_h} (y_i - Tx_i)^2 \right) \right] \quad (8)$$

where:

H = the total number of strata

N_h = the total number of companies in stratum h

n_h = the sample size in stratum h

y_i = the reported monthly volume for company i

x_i = the reported annual volume for company i

T = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.

Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, July 2002

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	233	199	2,421	2,441	1.55	0.14	1.13
Alaska	0	0	0	0	—	NA	—
Arizona	9	66	NA	NA	0.05	0.20	—
Arkansas	NA	NA	9	NA	NA	NA	0.04
California	320	91	13,187	13,191	0.05	0.05	0.19
Colorado	799	695	NA	NA	0.58	0.71	1.36
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	162	132	1,059	1,080	1.97	1.01	0.71
Georgia	47	39	1,322	1,324	0.08	1.85	1.66
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	NA	NA	—	—	NA
Illinois	242	146	NA	NA	0.52	0.73	1.05
Indiana	150	130	1,970	1,980	NA	1.07	0.06
Iowa	6	38	70	80	0.06	0.10	0.01
Kansas	82	89	559	572	0.47	0.04	0.71
Kentucky	75	184	843	866	0.95	0.38	NA
Louisiana	NA	NA	10,730	NA	NA	NA	0.01
Maine	0	NA	NA	NA	—	—	—
Maryland	3	13	97	98	0.05	0.25	1.46
Massachusetts	82	452	NA	NA	0.24	0.31	NA
Michigan	NA	NA	NA	NA	NA	NA	NA
Minnesota	81	334	876	941	0.39	0.42	NA
Mississippi	160	114	NA	NA	0.88	0.61	0.13
Missouri	69	33	284	295	0.11	0.33	1.71
Montana	4	4	0	5	0.05	0.06	—
Nebraska	17	17	695	696	0.48	0.19	0.28
Nevada	0	0	0	0	—	—	—
New Hampshire	0	0	NA	NA	—	—	—
New Jersey	0	0	0	0	—	—	—
New Mexico	71	184	209	287	0.61	0.30	1.49
New York	874	503	3,389	3,536	0.36	0.10	0.19
North Carolina	15	19	119	122	0.21	0.12	0.40
North Dakota	0	0	0	0	—	—	—
Ohio	306	155	546	644	0.07	0.20	NA
Oklahoma	171	739	6,789	6,831	NA	0.20	NA
Oregon	0	0	0	0	—	—	—
Pennsylvania	NA	NA	NA	NA	NA	NA	NA
Rhode Island	0	0	0	0	—	—	—
South Carolina	50	51	168	183	0.67	0.31	0.15
South Dakota	0	0	0	0	—	—	—
Tennessee	99	121	907	920	0.83	0.48	0.52
Texas	1,042	1,836	8,056	8,328	0.63	0.21	0.14
Utah	0	0	NA	NA	—	—	NA
Vermont	0	0	0	0	—	—	—
Virginia	27	58	976	978	0.16	0.29	0.21
Washington	NA	NA	NA	NA	NA	NA	NA
West Virginia	438	555	23	707	1.73	0.69	0.40
Wisconsin	112	792	320	861	0.33	0.28	0.30
Wyoming	NA	NA	258	NA	NA	0.08	0.60
Total	1,791	7,655	20,792	22,229	0.18	0.14	0.17

NA Not Available.
— Not Applicable.

Source: Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Appendix D

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1,2,3	Monthly: Annual:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202)586-6119
Extraction Loss	1	Monthly: Annual:	EIA computations Form EIA-816, "Monthly Natural Gas Liquids Report," and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	Javed Zaidi (202)586-8695
Supplemental Gaseous Fuels	2	Monthly: Annual:	EIA computations Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Javed Zaidi (202)586-8695
Imports and Exports	2	Monthly: Annual:	EIA computations Office of Fossil Energy, U.S.Department of Energy, "Natural Gas Import and Exports"	Javed Zaidi (202)586-8695
Price: City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202)586-4790
Wellhead	4	Monthly: Annual:	EIA computations Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sylvia Norris (202)586-6106
Electric Utility	4	Monthly:	Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202)586-4790
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Quarterly Natural Gas Import and Export Sales and Price Report	Javed Zaidi (202)586-8695
Producer Related Activities: Natural Gas Production	7,8	Monthly:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202)586-6119
Underground Storage:	9,10,11, 12,13, 14	Monthly:	Form EIA-191, "Monthly Underground Gas Storage Report"	Carol Jones (202) 586-6168
Distribution and Consumption: Deliveries to: Residential, Commercial, Industrial, Electric Utility, All Consumers	15 16 17 18 19	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202)586-4790
Average Price to: City Gate, Residential, Commercial, Industrial, Electric Utility	20 21 22 23 24	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202)586-4790
Onsystem Sales	25	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202)586-4790
Heating Degree Days	26	Seasonal:	National Oceanic and Atmospheric Administration	Patricia Wells (202)586-6077
Highlights				Mary Carlson (202)586-4749

Glossary

Aquifer Storage Field: A sub-surface facility for storing natural gas, consisting of water-bearing sands topped by an impermeable cap rock.

Balancing Item: Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents.

Base (Cushion) Gas: The volume of gas needed as a permanent inventory to maintain adequate underground storage reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

British Thermal Unit (Btu): The heat required to raise the temperature of one pound of water by one degree Fahrenheit at or near 39.2 degrees Fahrenheit.

City-gate: A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption: Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, wholesale and retail stores and other service enterprises; and gas used by local, State and Federal agencies engaged in nonmanufacturing activities.

Depleted Reservoir Storage Field: A sub-surface natural geological reservoir, usually a depleted oil or gas field, used for storing natural gas.

Dry Natural Gas Production: Marketed production less extraction loss.

Electric Utility: An enterprise that is engaged in the generation, transmission, or distribution of electric energy primarily for use by the public and that is the major power supplier within a designated service area. Electric utilities include investor-owned, publicly-owned, cooperatively-owned, and government-owned (municipals, Federal agencies, State projects, and public power districts) systems.

Electric Utility Consumption: Gas used as fuel in electric utility plants.

Exports: Natural gas deliveries out of the continental United States and Alaska to foreign countries.

Extraction Loss: The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

Flared: The volume of gas burned in flares on the base site or at gas processing plants.

Gas Condensate Well: A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as "condensate."

Gas Well: A well completed for the production of natural gas from one or more gas zones or reservoirs

Gross Withdrawals: Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

Heating Value: The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

Imports: Natural gas received in the Continental United States (including Alaska) from a foreign country.

Industrial Consumption: Natural gas used for heat, power, or chemical feedstock by manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in

agriculture, forestry, and fisheries. Also included in industrial consumption are natural gas volumes used in the generation of electricity by other than regulated electric utilities.

Intransit Deliveries: Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

Intransit Receipts: Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

Lease and Plant Fuel: Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

Liquefied Natural Gas (LNG): Natural gas that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

Marketed Production: Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

Native Gas: Gas in place at the time that a reservoir was converted to use as an underground storage reservoir as in contrast to injected gas volumes.

Natural Gas: A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in natural underground reservoirs at reservoir conditions.

Nonhydrocarbon Gases: Typical nonhydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide, and nitrogen.

Oil Well (Casinghead) Gas: Associated and dissolved gas produced along with crude oil from oil completions.

Onsystem Sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and/or distribution system operated by the reporting company.

Pipeline Fuel: Gas consumed in the operation of pipelines, primarily in compressors.

Repressuring: The injection of gas into oil or gas formations to effect greater ultimate recovery.

Residential Consumption: Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Salt Cavern Storage Field: A storage facility that is a cavern hollowed out in either a salt "bed" or "dome" formation.

Storage Additions: The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

Storage Withdrawals: Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

Supplemental Gaseous Fuels Supplies: Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

Synthetic Natural Gas (SNG): A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

Underground Gas Storage Reservoir Capacity: Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate company reservoir capacities are reported as developed capacity.

Vented Gas: Gas released into the air on the base site or at processing plants.

Wellhead Price: Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and compression charges, and State production, severance, and/or similar charges.

Working (Top Storage) Gas: The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.